

# **PC Electronic Data Reporting Option (PEDRO) System User's Guide**

Version 6.7

Energy Information Administration  
U.S. Department of Energy  
Washington, D.C. 20585

February 2011

**PC Electronic Data Reporting Option (PEDRO) System User's Guide**  
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## **1. Introduction to PEDRO**

### **Overview**

Thank you for selecting the Energy Information Administration (EIA) PC Electronic Data Reporting Option (PEDRO). We hope that this option will significantly reduce your reporting burden and facilitate your submission of data to EIA.

The PEDRO User's Guide has been developed as an informational tool for a manager to become acquainted with the system or as a reference tool for the PEDRO user.

The User's Guide introduces you to the 2010 edition of PEDRO version 6.7, and some of its basic functions and features. It includes hardware and software requirements, a detailed set of instructions for installing and running PEDRO on your PC, procedures for setting up to transmit data to EIA, and instructions for removing PEDRO from your PC. The appendix provides survey-specific information including import file formats, cell labels, product codes, sample import files, and edit checks.

PEDRO is available at no cost to the user. Formal training is not required since installation, data importation, data processing, and transmission are done by interactive, user-friendly menu options.

### **The PEDRO System**

The PC Electronic Data Reporting Option, or PEDRO, system enables users to enter Energy Information Administration (EIA) survey form data on a personal computer (PC) using interactive data entry screens and validate the accuracy of the data through an electronic data editing process. A communication program included as part of the system transfers the data to EIA and verifies the accuracy of the transmission. PEDRO currently supports data collection for the following EIA surveys:

- o EIA-14 Refiners' Monthly Cost Report
- o EIA-182 Domestic Crude Oil First Purchase Report
- o EIA-782A Refiners'/Gas Plant Operators' Monthly Petroleum Product Sales Report
- o EIA-782B Resellers'/Retailers' Monthly Petroleum Product Sales Report
- o EIA-782C Monthly Report of Prime Supplier Sales of Petroleum Products Sold for Local Consumption
- o EIA-800 Weekly Refinery Report
- o EIA-801 Weekly Bulk Terminal Report
- o EIA-802 Weekly Product Pipeline Report
- o EIA-803 Weekly Crude Oil Stocks Report
- o EIA-804 Weekly Imports Report

- o EIA-805 Weekly Terminal Blenders Report
- o EIA-809 Weekly Oxygenate Report
- o EIA-810 Monthly Refinery Report
- o EIA-811 Monthly Bulk Terminal Report
- o EIA-812 Monthly Product Pipeline Report\*
- o EIA-813 Monthly Crude Oil Report\*
- o EIA-814 Monthly Imports Report
- o EIA-815 Monthly Terminal Blenders Report
- o EIA-816 Monthly Natural Gas Liquids Report
- o EIA-817 Monthly Tanker and Barge Movement Report
- o EIA-819 Oxygenate Telephone Report

\* indicates that this form was updated in 2011, prompting a mid-year re-issue of an updated version of PEDRO. These form changes are reflected in this User's Guide.

This Graphical User Interface (GUI) version of PEDRO has been developed by EIA's Office of Oil and Gas (OOG). This system will feed respondent-level data from the weekly Forms EIA-800 through EIA-805 and the EIA-809, and the monthly Forms EIA-14, EIA-182, EIA-782A, EIA-782B, EIA-782C, EIA-810 through EIA-817 and EIA-819. The different edit checks for each survey are included as Appendix A, titled "Edit Checks."

For specific information on PEDRO procedures, commands and system functions which are common to all EIA surveys, see Part 5, "Entering Data in the PEDRO System." For information on the particular survey with which you are currently working, refer to the section describing that specific survey. Survey-specific sections begin following the "Entering Data in the PEDRO System" section of this manual.

Should you have any questions or concerns, please contact the Electronic Data Support Staff on (202) 586-9659. American Petroleum Institute contact is Mike Robey at (202) 682-8365.

#### **PEDRO Patches**

Occasionally, updates to the PEDRO software are required that are not significant enough to justify a complete recreation and mailout of the software for every user. Instead, a "patch" is developed. A patch is a bundled file (or files) that is sent out to PEDRO users to update the system without completely replacing or reinstalling PEDRO. A list of all PEDRO patches created and distributed between February of 2004 and May of 2010 is included as a short appendix to this User's Guide (see Appendix B, "PEDRO Patches").

## **2. Hardware / Software Requirements**

Check to make sure you have the necessary hardware and software before you begin installing PEDRO. The following is a list of required items.

- Windows-based personal computer (PC)
- Windows NT, 2000, XP, or Vista
- CD-ROM drive and the CD containing the PEDRO 6.7 system software
- Approximately 30 Mb of free disk space for the PEDRO system files, plus up to 10 Mb for each survey
- Internet Service Provider (ISP) with appropriate link or modem

### 3. How to Set Up the PEDRO Software

#### Installing PEDRO

**IMPORTANT NOTE:** *If you have a previous version of PEDRO (6.6, for instance) on your PC, you can perform an upgrade when installing the new PEDRO, version 6.7. This will save any data you may wish to retain from the previous version.*

If you have PEDRO 6.6 or earlier installed on a PC and you wish to install PEDRO 6.7 to a *different* PC, while still retaining the PEDRO data from the old PC, you must copy all files from the old PC's PEDRO/DATA directory to the new PC **prior to installation of PEDRO 6.7**. Be sure to create a directory on your C:\ drive named PEDRO/DATA in which to copy the six .DB files, so the new version will find them during installation. Be sure to select **"Upgrade"** during installation, in order to retain this copied data. Selecting **"Upgrade"** will also retain your previous PEDRO Communications settings as well.

To install the new 6.7 version of PEDRO:

- 1) Insert the EIA-provided **PEDRO** CD. If the "InstallShield Wizard" box appears, skip to step 4; if it does not, go to step 2.
- 2) Click the Windows **Start** button; then click **Run**. In the Windows RUN command line, type:  
  
**D:\setup**  
  
 [Where **D** is the drive letter for your CD ROM; yours may differ (i.e., **E** or **F**)]
- 3) Click the **OK** button.
- 4) The "InstallShield Wizard" box is displayed. Click the **Next** button to proceed.
- 5) On the "Customer Information" screen, type your name in the "User Name" field and your company's name in the "Company Name" field, then click the **Next** button.
- 6) On the "Setup Type" screen, you now have the option to download the entire system *or*, if you prefer, you can choose to load only spreadsheet and/or PDF versions of all of the forms included within PEDRO. Instructions for each survey can also be loaded. Choose "New Installation" if you wish to enter your data electronically using PEDRO and if you **DO NOT** have an older version of PEDRO on your PC --**select "Upgrade Installation" if you DO have an older version of PEDRO and wish to retain any data you've entered using the older version.**

#### **Upgrade/New Installation Notes:**

- If you currently have an older version of PEDRO, but **DO NOT** wish to retain your old data, select "New Installation."
- If you select either New or Upgrade, **all** of the spreadsheets, PDFs, and Instructions will be downloaded to the C:\pedro folder on your PC.
- If you do **NOT** wish to enter your data electronically and simply want electronic versions of each form to complete without using PEDRO, select the "Survey Form in PDF Format" and/or "Survey Form in Spreadsheet Format" from this "Setup Type" screen.
- If you currently have PEDRO 6.6 and wish to retain your data, select "Upgrade Installation." Click the **Next** button after selecting the desired type of installation.



- 7) The "Choose Destination Location" box is displayed. By default, PEDRO will be installed to the C:\PEDRO directory. However, if you wish to install it elsewhere, click the Browse button and select the desired drive/folder in which you'd like to install PEDRO. Click OK. Click the Next button on the "Choose Destination Location" box.
- 8) The "Start Copying Files" screen is displayed. Click the Next button to begin the installation.
- 9) A progress bar is displayed, indicating the status of the installation. When finished, click the Finish button.
- 10) To run PEDRO, click the Windows Start button. Then click Programs, and select EIA Applications from the list of programs. On the fly-out "EIA Applications" menu, select PEDRO 6.7. PEDRO will open on your PC.

**NOTE:** If you selected "Upgrade Installation" during the installation process, an "Updating System" box is displayed. This will update the PEDRO files on your PC. Depending on the speed of your PC, this process could take up to five minutes. Be sure to let the process run to its completion, otherwise you could corrupt the new system and/or lose your previous data!

### Uninstalling PEDRO

**IMPORTANT NOTE:** Performing an uninstall of PEDRO will delete all data files you may have entered! If you are uninstalling PEDRO on an old PC and planning to install the new version of PEDRO on a new PC, remember to copy the data files from the old PC to the new PC *prior to performing any uninstall!* See the "Important Note" in the previous section ("Installing PEDRO") for details on copying data files from one PC to another.

If, for whatever reason, you wish to remove the older version of PEDRO from your hard drive (rather than perform an upgrade) before installing PEDRO 6.7, follow these steps:

Click the Windows **Start** button, then click **Settings**. From the **Settings** menu, click **Control Panel**. In **Control Panel**, click **Add/Remove Programs**. The **Add/Remove Programs Properties** box is displayed. A list of all programs installed on your PC is shown in the bottom half of this box; select "PEDRO - PC Electronic Data Reporting Option" (or similar wording of any PEDRO software), then click the **Add/Remove** button at the bottom of the box. Follow the prompts to uninstall PEDRO, then proceed to install the new version of PEDRO.

#### 4. Overview of the PEDRO Reporting Process

This section provides a brief overview of the complete PEDRO reporting process. For a more detailed description of these procedures, see Part 5, "Entering Data in the PEDRO System."

- 1) First, install the PEDRO 6.7 system, as described in the previous section.
- 2) To run the PEDRO system, click the **Start** button on your Windows desktop. Then click **Programs**, and select **EIA Applications** from the list of programs. On the fly-out "EIA Applications" menu, select **PEDRO 6.7**. PEDRO will open on your PC.
- 3) From the PEDRO Introduction Screen, select the survey for which you wish to enter data from the list of surveys displayed on the left side of the screen. Click the **Continue** button.
- 4) The selected survey is displayed. By default, the "Open Respondent" box is displayed. Select the respondent and period you wish to edit, and then click the **Open** button. If you wish to add a new respondent or period, click the **Add Respondent** and/or **Add Period** buttons on the "Open Respondent" box. Type in new Respondent Name and ID(s) numbers, or the new period you wish to add, and click the **Add** button.
- 5) After selecting the desired respondent and period, the main data entry screen for the selected survey is displayed. It uses the "tabbed notebook" format --click the tabs along the top of the screen to select which data you wish to view and/or edit. The tabs display the following options on each survey:

**Identification tab:** Enter the respondent's name and address information in the appropriate fields.

**Select State tab:** This tab is displayed only on the EIA-782A, B & C surveys, on which you enter State Level data. The Select State tab allows you to enter numerous separate data entries for different States.

**Data entry tabs:** There will be one or more "data entry" tabs, depending on which survey is running. For example, the EIA-14 survey only has one data entry tab ("Crude Oil Costs and Volumes"); but the EIA-810 has four such tabs ("Refinery Inputs," "Sulfur Content...", "Refinery Operations," and "Refinery Storage Capacity"). Click the appropriate tab and type in your data in the data entry fields.

**Errors and Warnings tab:** This tab's screen displays a list of error/warning messages, and allows you to rerun the system edit checks by clicking the **Refresh Edits** button. Note that you must run the Validate Data option **OR** click the **Refresh Edits** to view the list of errors/warnings. PEDRO does not run the edit checks simply by clicking the "Errors and Warnings" tab.

- 6) After you have entered all of the data, to the best of your knowledge, for the respondent you selected, it is recommended that you run the PEDRO edit checks prior to submitting any data. To do so, either click the *Utility / Validate Data* option from the upper menu bar, or click the Validate Data button (displayed as a check mark in the button toolbar). Either option runs the system edits, and a "Data Validation Error" box is displayed, in which you can run through potential errors discovered by the system.

You can also run system edit checks by clicking the "Errors and Warnings" tab, and then click the **Refresh Edits** button at the bottom of the screen. If you use this option, the "Data Validation Error" box is *not* displayed; instead, a list of all possible errors is displayed on the "Errors and Warnings" tab screen, which you can then scroll through or print. Edit checks for each system are described in Appendix A, "Edit Checks."

- 7) After running system edits, and cleaning up any errors (or explaining them with a "Comment"), you then submit your data to EIA. This is done using the PEDRO Communications module. Click the *Utility / Create a Transmission File* option from the upper menu bar, or click the Create Transmission

button (displayed as a lightning bolt on the button toolbar). Either option will display a box showing your Submission Parameters, which can be updated as necessary. Click the Continue button to proceed with the transaction file creation.

- 8) Click Yes to open the PEDRO Communications Module. Your name and phone number will be displayed in the "Logon" box. Make any necessary corrections.
- 9) Your newly-created transmission file should be identified in the list displayed under the "Files to Send" tab when PEDRO Communications opens. Highlight the file you wish to send to EIA (it should have ok in the "Status" field), then Click the File / Transmit option from the upper menu bar, or click the Transmit button (displayed as a lightning bolt on the button toolbar). Either option will send your selected data file off to EIA. NOTE: You must first be sure that you are connected to EIA, either by LAN, Internet, etc. See Part 8, "The PEDRO Communications Module," for details on setting up a LAN or Internet connection.
- 10) Follow these steps for each respondent in each survey for which you are responsible. For a detailed look at this process, including some features not mentioned in this overview, see the "Entering Data in the PEDRO System" (Part 5) of this document that follows.

## **5. Entering Data in the PEDRO System**

In this version of PEDRO, all Surveys run more similarly than in prior versions of PEDRO. This section provides specific information on PEDRO procedures, commands and system functions which are common to each of the surveys. For information on the particular survey with which you are currently working, refer to the section describing that specific survey. Survey-specific sections begin following this "Running the PEDRO System" section of this manual.

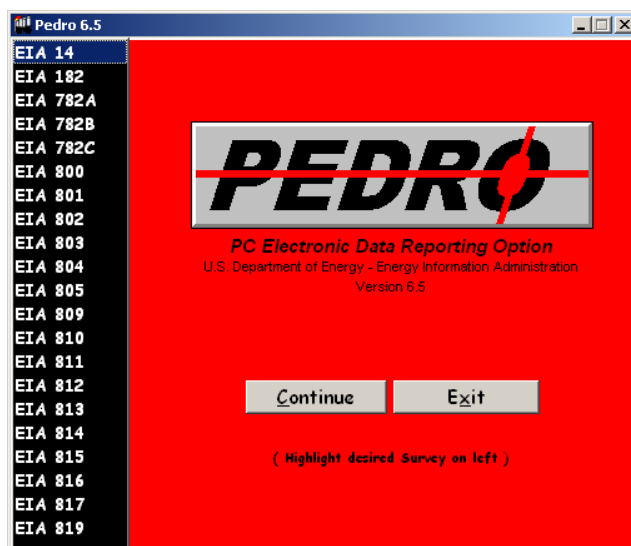
The surveys are as follows:

- o EIA-14 Refiners' Monthly Cost Report
- o EIA-182 Domestic Crude Oil First Purchase Report
- o EIA-782A Refiners'/Gas Plant Operators' Monthly Petroleum Product Sales Report
- o EIA-782B Resellers'/Retailers' Monthly Petroleum Product Sales Report
- o EIA-782C Monthly Report of Prime Supplier Sales of Petroleum Products Sold for Local Consumption
- o EIA-800 Weekly Refinery Report
- o EIA-801 Weekly Bulk Terminal Report
- o EIA-802 Weekly Product Pipeline Report
- o EIA-803 Weekly Crude Oil Stocks Report
- o EIA-804 Weekly Imports Report
- o EIA-805 Weekly Terminal Blenders Report
- o EIA-809 Weekly Oxygenate Report
- o EIA-810 Monthly Refinery Report
- o EIA-811 Monthly Bulk Terminal Report
- o EIA-812 Monthly Product Pipeline Report

- o EIA-813 Monthly Crude Oil Report
- o EIA-814 Monthly Imports Report
- o EIA-815 Monthly Terminal Blenders Report
- o EIA-816 Monthly Natural Gas Liquids Report
- o EIA-817 Monthly Tanker and Barge Movement Report
- o EIA-819 Oxygenate Telephone Report

### ***Opening a Survey***

To open a desired survey in PEDRO, click the **PEDRO** icon on your Windows desktop. The following screen is displayed:



**PEDRO Introduction Screen**

Select the desired survey from the menu along the left side of the screen, and then click the **Continue** button.

The “Open Respondent” box for the selected survey is displayed. The EIA-782B is shown below as an example:

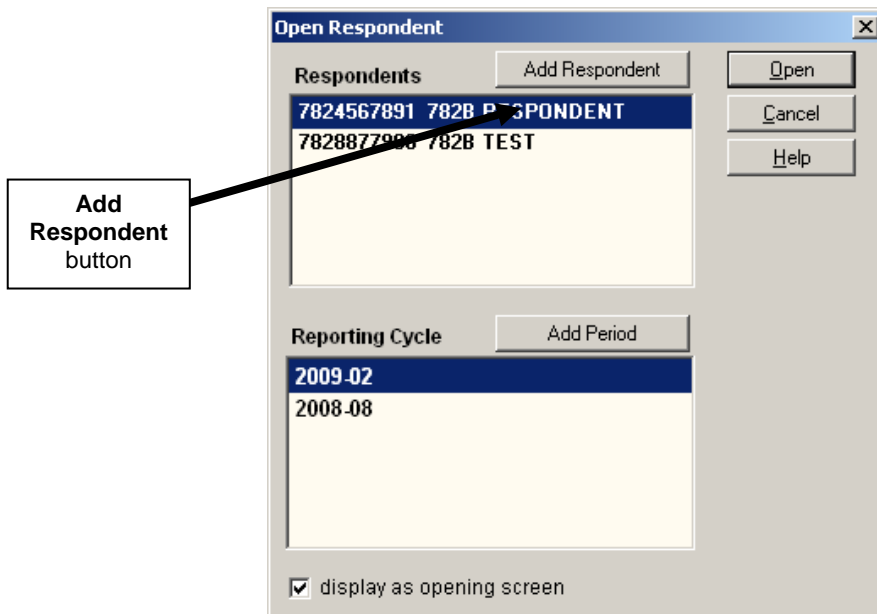
**Open Respondent Box** (sample from EIA-782B)

The user can select a respondent and a period for editing, or add a respondent and/or a period from this screen. If more than one respondent cycle is available, the most recent cycle will be highlighted as the default. You may skip this step if you wish to import survey data. For more information about file importation, see the “Import Data” section, at the end of Part 7 (“Other PEDRO Functions”).

**NOTE:** If you do not wish to view this screen when you initially open the selected survey, un-click the check box at the bottom of the “Open Respondent” box (“display as opening screen”).

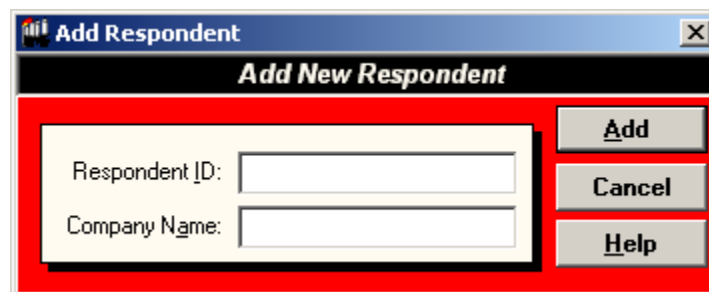
## 1) Add Respondent

If you wish to add a new respondent to the desired survey, click the **Add Respondent** button on the “Open Respondent” box, as shown below:



**Add Respondent button** (sample from EIA-782B)

The following Add New Respondent screen is displayed:



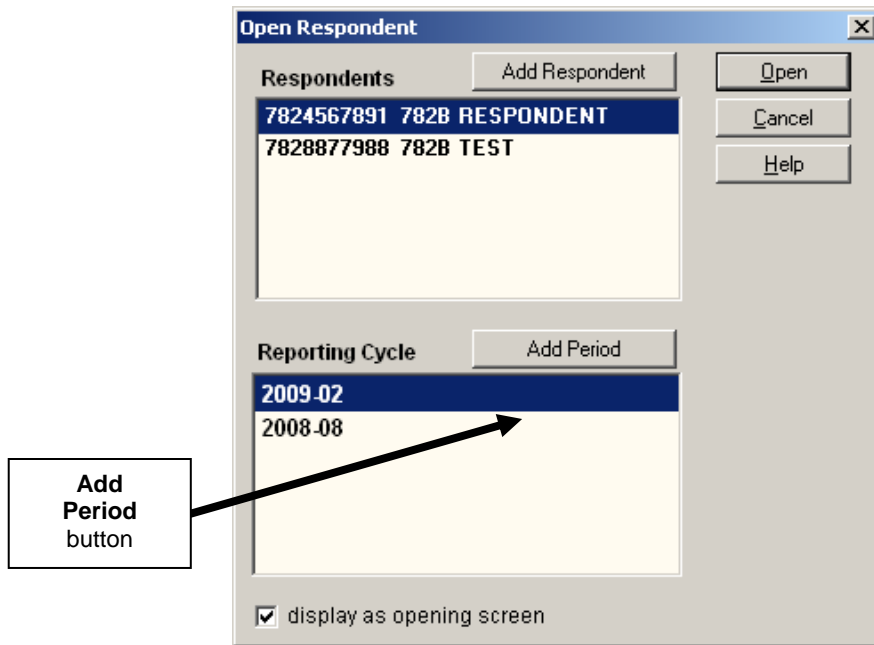
**Add New Respondent box** (sample from EIA-782B)

Type in the 10-digit ID number of the company you wish to add, and then press the Tab key to move to the “Company Name” box and type in the new company’s name. If you do not know your EIA respondent ID number, contact the Electronic Data Support Staff on (202) 586-9659. Click the **Add** button to add the new company to the survey database. The “Open Respondent” box is re-displayed, and the just-added company will appear in the list of respondents.

**NOTE:** On some surveys, one or two additional fields are displayed on the Add Respondent screen for entering “Plant Name” and “API ID Number.” Enter these when applicable. If you do not know your API identification number, contact Mike Robey at (202) 682-8365.

## 2) Add Period

If you wish to add a new period (a new month, for the EIA-14, EIA-182, and EIA-782 A, B, and C surveys), click the **Add Period** button on the “Open Respondent” box, as shown below:



**Add Period Button** (sample from EIA-782B)

The following Add Reporting Cycle screen is displayed:

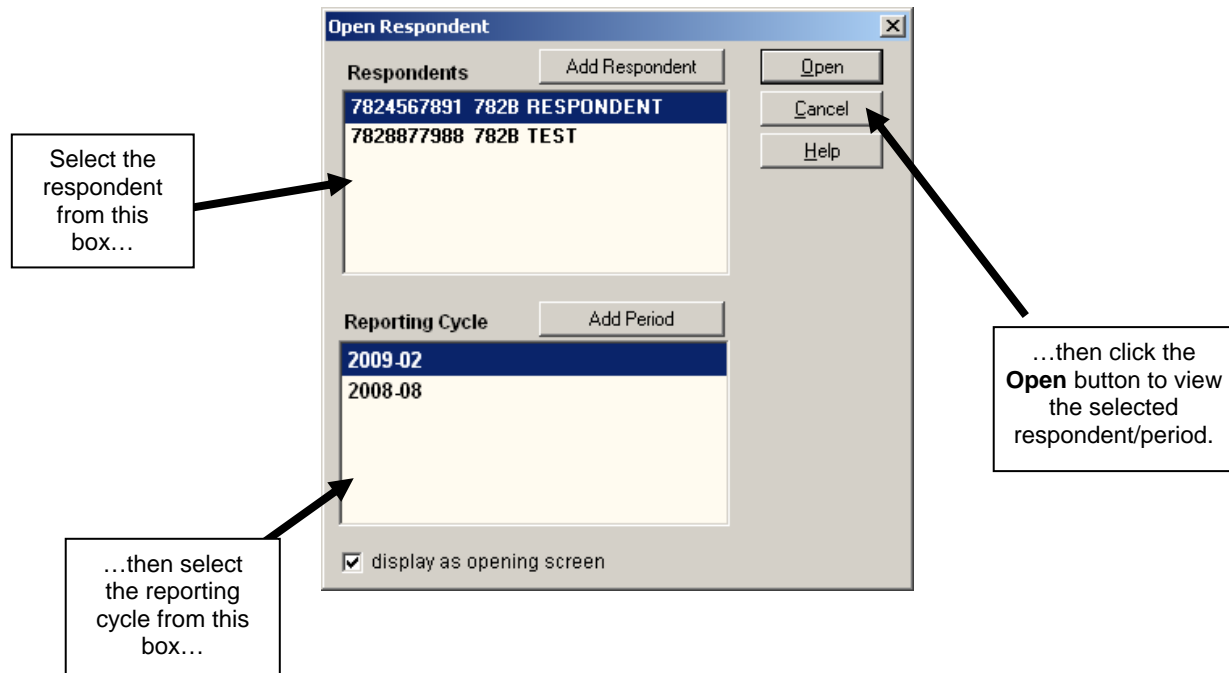
**Add Reporting Cycle box** (sample from EIA-782B)

Click arrow (as indicated above) to select the company's name (for which you wish to add the new period) from the drop-down list in the “Respondent” box. You may also select “All Respondents” (of the displayed survey) if you wish to add this new period for every company currently entered in PEDRO for this survey. Press the Tab key to move to the “Year” box, and type in the year, then the month, of the new reporting cycle. Click the “Zero Submission” check box at the bottom of the box *only* if there will be *no* data entered for this new period. Then click the **Add** button to add the new period to the survey database. The “Open Respondent” box is re-displayed, and the just-added period will appear beneath the list of respondents.

**NOTE:** The Weekly surveys (EIA-800 through EIA-805) include a box for “Day.” Enter the end date of the Reporting Cycle to be added (this date should always be a Friday).

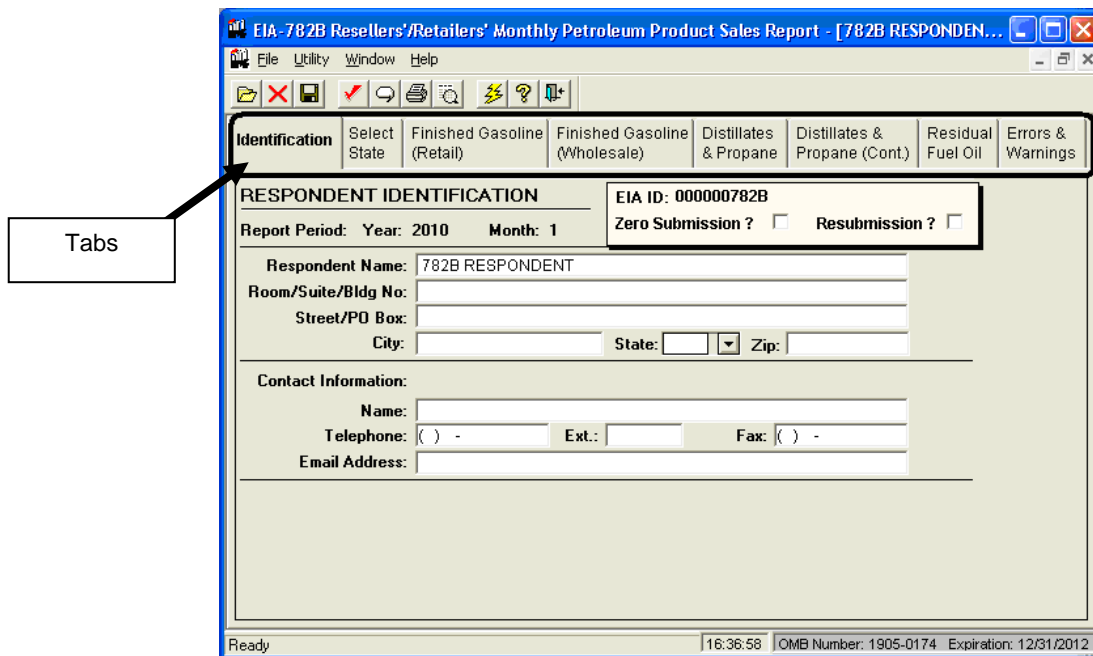
### 3) Select a Respondent

After you have added the desired company and/or period as necessary, select the company you wish to edit or view from the "Open Respondent" box, as shown below:



**Select Respondent/Period** (sample from EIA-782B)

The following PEDRO Main screen is displayed:



**PEDRO Main Screen** (sample from EIA-782B)

Note that the tabs on this screen (shown above) will differ significantly in appearance from survey to survey. However, general functionality is the same except where noted. The following survey-specific sections display the Main Screen and provide additional details for each PEDRO survey system.



## 6. Survey-Specific Screens and Procedures

This section contains descriptions and procedures for entering data in each of the PEDRO survey systems, along with detailed screen captures for each individual survey. The data entry screens are set up using the “tabbed notebook” method; clicking a labeled tab along the top portion of the screen will display that data entry screen. The tabbed screens into which data are entered differ from survey to survey. However, the **first** and **last** tabs are the same for every survey:

The first tab is **Identification**. Enter all available identification information for your company in the appropriate boxes. Click the “Zero Submission” or “Resubmission” boxes if applicable. Note that while the Identification tab screens are nearly identical for all surveys, there are exceptions: For example, the EIA-810 ID screen contains a field for entering “Refinery/Blending Plant Name” (which is not found in other surveys).

The final tab is **Errors and Warnings**. This screen’s functionality is the same for each survey throughout PEDRO. This tab is used to run edit checks for the survey data you’ve entered. See the “Validate Data” section of this manual for detailed instructions for viewing errors and warnings.

The data entry tabs that appear between the **Identification** and **Errors and Warnings** tabs are described in the remainder of this section.

**NOTE:** The 800-level surveys were updated for Report Year 2010. These new 2010 versions are shown in this section; however, if you select a 2009 or earlier Period, you will still see the previous versions of these forms.

## EIA-14 Data Entry Screens

**EIA-14 Refiners' Monthly Cost Report - [14 RESPONDENT - 2010-01]**

File Utility Window Help

Identification Crude Oil Costs and Volumes (Domestic) Crude Oil Costs and Volumes (Imported) Errors and Warnings

**RESPONDENT IDENTIFICATION**

EIA ID: 000000014  
 Zero Submission ? ☐ Resubmission ? ☐

Report Period: Year: 2010 Month: 1

Respondent Name: 14 RESPONDENT  
 Room/Suite/Bldg No:   
 Street/PO Box:   
 City: State: Zip:   
 Contact Information:  
 Name:   
 Telephone: ( ) - Ext.: Fax: ( ) -   
 Email Address:

Ready 16:30:03 OMB Number: 1905-0174 Expiration: 12/31/2012

**Identification Tab Screen:** Enter all available identification information for your company in the appropriate boxes. Click the “Zero Submission” or “Resubmission” boxes if applicable.

**EIA-14 Refiners' Monthly Cost Report - [14 RESPONDENT - 2010-01]**

File Utility Window Help

Identification **Crude Oil Costs and Volumes (Domestic)** Crude Oil Costs and Volumes (Imported) Errors and Warnings

**Crude Oil Costs and Volumes (Domestic) tab**

Category Description	Line No.	Domestic Crude Oil	
		Total Cost	Total Volume
		(in thousands of dollars)	(in thousands of barrels)
		(a)	(b)
PADD I	1		
PADD II	3		
PADD III	5		
PADD IV	7		
PADD V	9		
OTHER	12		
TOTAL U.S.	15		

Ready 16:32:18 OMB Number: 1905-0174 Expiration: 12/31/2012

**Crude Oil Costs and Volumes Tab Screen:** This screen is for Domestic data only. Enter the appropriate data in the displayed fields. If you enter data that are considered outside the reasonable range for that field, a message will appear informing you of the range limits for that data entry. For example, entries in the “Total Cost” field must be less than \$10,000. Also, entries in the Total Volume Field must be less than 1,000,000.

**Crude Oil Costs and Volumes (Imported) Tab Screen:** This screen is for Imported data only. Otherwise its appearance, functionality and data checks are the same as the tab screen displayed and described above.

## EIA-182 Data Entry Screens

**EIA-182 Domestic Crude Oil First Purchase Report - [182 RESPONDENT - 2010-01]**

File Utility Window Help

Identification Domestic Crude Oil First Purchases Errors and Warnings

**RESPONDENT IDENTIFICATION**

EIA ID: 000000182  
 Zero Submission ? ☐ Resubmission ? ☐

Report Period: Year: 2010 Month: 1

Respondent Name: 182 RESPONDENT  
 Room/Suite/Bldg No:   
 Street/PO Box:   
 City: State: Zip:   
 Contact Information:  
 Name:   
 Telephone: ( ) - Ext.: Fax: ( ) -   
 Email Address:

Ready 16:33:14 OMB Number: 1905-0174 Expiration: 12/31/2012

**Identification Tab Screen:** Enter all available identification information for your company in the appropriate boxes. Click the “Zero Submission” or “Resubmission” boxes if applicable.

**EIA-182 Domestic Crude Oil First Purchase Report - [182 RESPONDENT - 2010-01]**

File Utility Window Help

Identification Domestic Crude Oil First Purchases Errors and Warnings

**Domestic Crude Oil First Purchases (In dollars/barrel and actual barrels)**

Line No. (a)	State/Production Area (b)	Average Cost (c)	Total Volume (d)
1	ALABAMA		
3	Alabama Light		
4	Alabama Heavy		
5	Alabama Other		
6	ALASKA NORTH SLOPE		
7	ANS		
8	ALASKA SOUTH		
9	ALASKA SOUTH		
10	ARIZONA		
11	AZ Miscellaneous		
12	ARKANSAS		
13	AR Miscellaneous		
14	CALIFORNIA: MAINLAND		
15	Belridge South		
16	Coalinga		
17	Cymric		
18	Elk Hills		
19	Kern River		
20	Lost Hills		
21	Midway-Sunset		
22	Wilmington		
23	California Other		

Ready 16:33:46 OMB Number: 1905-0174 Expiration: 12/31/2012

**Domestic Crude Oil First Purchases tab**

**Domestic Crude Oil First Purchases Tab Screen:** Enter the appropriate data in the displayed fields. If you enter data that are considered outside the reasonable range for that field, a message will appear informing you of the range limits for that data entry. You must abide by these system limitations when entering data. For example, entries in the “Average Cost” field must be less than \$100.00.

## EIA-782A Data Entry Screens

**EIA-782A Refiners'/Gas Plant Operators' Monthly Petroleum Product Sales Report - [782A RESPON...**

File Utility Window Help

Identification Select Finished Gasoline (Retail) Finished Gasoline (Wholesale) Distillates & Propane Distillates & Propane (Cont) Other Petro Products Errors & Warnings

**RESPONDENT IDENTIFICATION**

EIA ID: 00000782A  
 Zero Submission ? ☐ Resubmission ? ☐

Report Period: Year: 2010 Month: 1

Respondent Name: 782A RESPONDENT  
 Room/Suite/Bldg No.:  
 Street/PO Box:  
 City: State: Zip:

**Contact Information:**  
 Name:  
 Telephone: ( ) - Ext.: Fax: ( ) -  
 Email Address:

Ready 16:35:44 OMB Number: 1905-0174 Expiration: 12/31/2012

**Identification Tab Screen:** Enter all available identification information for your company in the appropriate boxes. Click the “Zero Submission” or “Resubmission” boxes if applicable.

**EIA-782A Refiners'/Gas Plant Operators' Monthly Petroleum Product Sales Report - [782A RESPON...**

File Utility Window Help

Identification **Select State** Finished Gasoline (Retail) Finished Gasoline (Wholesale) Distillates & Propane Distillates & Propane (Cont) Other Petro Products Errors & Warnings

AK AL AR AZ CA CO CT DE FL GA GU HI IA ID IL IN KS  
 KY LA MA MD ME MI MN MO MS MT NC ND NE NH NJ NM NV NY  
 OH OK OR PA PR RI SC SD TN TX UT VA VI VT WA WI WV WY

Current State: Remove Current State

Which of the following best describes this firm at the end of this reference month?

☒ In operation  
☐ Temporarily or seasonally inactive  
☐ Sold or leased to another  
☐ Permanently ceased operation

Select Type of Entity

☒ Refiner/Gas Plant Operator  
☐ Reseller  
☐ Reseller/Retailer  
☐ Retailer

Ready 16:36:14 OMB Number: 1905-0174 Expiration: 12/31/2012

**Select State Tab Screen:** In the 782A survey, you must first select the State for which you wish to enter data. Click on the button containing the desired State's abbreviation. If this is a new State for this company, a confirmation box is displayed; click **Yes** to add the new state. Once a State is added, its abbreviation on this screen appears underlined and bolded. Click on the desired State and its full name will appear in the “Current State” box, as shown above. Click the radio button in the lower portion of the screen next to the term that best describes the selected firm, as shown above.

To remove a State from this firm, click on its abbreviation (so that the State name appears in the Current State box), then click the **Remove Current State** button (to the right of the "Current State" box).

**Finished Gasoline (Retail) tab**

RETAIL SALES (Direct Sales to End-Users)					
Product (Refer to definitions)	Product Code	Sales Through Company-Operated Retail Outlets (1)		Sales To Other End-Users (2)	
		Volume (000s)	Price	Volume (000s)	Price
Reformulated Regular Motor Gasoline	153				
Reformulated Midgrade Motor Gasoline	154				
Reformulated Premium Motor Gasoline	155				
Conventional Regular Motor Gasoline	159				
Conventional Midgrade Motor Gasoline	160				
Conventional Premium Motor Gasoline	161				

Ready 16:37:50 OMB Number: 1905-0174 Expiration: 12/31/2012

**Finished Gasoline (Retail) Tab Screen:** Enter the appropriate data in the displayed fields. If you enter data that are considered outside the reasonable range for that field, a message will appear informing you of the range limits for that data entry. You must abide by these system limitations when entering data. For example, entries in the "Volume" fields must be less than 1,000,000. Also, data in the "Price" fields must be less than \$10.00.

Each of the other data tabs -- **Finished Gasoline (Wholesale)**, **Distillates and Propane**, **Distillates and Propane (Cont)**, and **Other Petro Products** --display similarly-formatted data with the same range restrictions. Click each of these tabs to view and/or edit the corresponding data.

### **EIA-782B Data Entry Screens**

The EIA-782B data entry screen is the same as the 782A screen, with the following exception:

- Instead of **Other Petro Products** as the final data entry tab, the 782B lists **Residual Fuel Oil**.

## EIA-782C Data Entry Screens

**EIA-782C Prime Supplier Sales of Petroleum Products Sold for Local Consumption - [...]**

File Utility Window Help

Identification State Selection State Data Errors & Warnings

**RESPONDENT IDENTIFICATION**

EIA ID: 000000782C

Report Period: Year: 2010 Month: 1

Zero Submission ? ☐ Resubmission ? ☐

Respondent Name: 782C RESPONDENT

Room/Suite/Bldg No:

Street/PO Box:

City:  State:  Zip:

**Contact Information:**

Name:

Telephone: ( ) -  Ext.:  Fax: ( ) -

Email Address:

Ready 16:39:50 OMB Number: 1905-0174 Expiration: 12/31/2012

**Identification Tab Screen:** Enter all available identification information for your company in the appropriate boxes. Click the “Zero Submission” or “Resubmission” boxes if applicable.

**EIA-782C Prime Supplier Sales of Petroleum Products Sold for Local Consumption - [782C ...]**

File Utility Window Help

Identification **State Selection** State Data Errors & Warnings

AK AL AR AZ CA CO CT DC DE FL GA GU HI IA ID IL IN KS

KY LA MA MD ME MI MN MO MS MT NC ND NE NH NJ NM NV NY

OK OR PA PR RI SC SD TN TX UT VA VI VT WA WI WV WY

Current State:  Remove Current State

Which of the following best describes this firm at the end of this reference month?

☒ In operation

☐ Temporarily or seasonally inactive

☐ Sold or leased to another

☐ Permanently ceased operation

Select Type or Entity

☒ Refiner/Gas Plant Operator

☐ Reseller

☐ Reseller/Retailer

☐ Retailer

Ready 16:40:28 OMB Number: 1905-0174 Expiration: 12/31/2012

**State Selection Tab Screen:** In the 782C survey, you must first select the State for which you wish to enter data. Click on the button containing the desired State's abbreviation. If this is a new State for this company, a confirmation box is displayed; click **Yes** to add the new State. Once a State is added, the abbreviation on this

screen appears underlined and bolded. Click on the desired State and its full name will appear in the "Current State" box, as shown above. Click the radio button in the lower portion of the screen next to the term that best describes the selected firm, as shown in the "EIA-782A Data Entry Screens" section.

To remove a State from this firm, click on its abbreviation (so that the State name appears in the Current State box), then click the **Remove Current State** button (to the right of the "Current State" box).

**EIA-782C Prime Supplier Sales of Petroleum Products Sold for Local Consumption - [782C RESPONDENT - 2010-01]**

File Utility Window Help

Identification State Selection **State Data** Errors & Warnings

(Report all volumes in thousands of gallons)

Product (Refer to definitions)	Product Code	MONTHLY SALES (For the reference month, enter the total volume sold into the State where delivery of product occurs.)
Reformulated Regular Motor Gasoline	153	
Reformulated Midgrade Motor Gasoline	154	
Reformulated Premium Motor Gasoline	155	
Conventional Regular Motor Gasoline	159	
Conventional Midgrade Motor Gasoline	160	
Conventional Premium Motor Gasoline	161	
No. 1 Distillate	467	
Kerosene	311	
No. 2 Fuel Oil	470	
No. 2 Diesel Fuel Oil - 15 ppm sulfur and under	472	
No. 2 Diesel Fuel Oil - Greater than 15 ppm to 500 ppm sulfur (incl)	468	
No. 2 Diesel Fuel Oil - Greater than 500 ppm sulfur	469	
Aviation Gasoline (Finished)	111	
Kerosene-type Jet Fuel	213	
No. 4 Fuel Oil	471	
Residual Fuel Oil ≤ 1% Sulfur	501	
Residual Fuel Oil > 1% Sulfur	510	
Propane, Consumer Grade	624	

Ready 16:41:36 OMB Number: 1905-0174 Expiration: 12/31/2012

**State Data Tab Screen:** Enter the appropriate data in the displayed fields. If you enter data that are considered outside the reasonable range for that field, a message will appear informing you of the range limits for that data entry. You must abide by these system limitations when entering data. For example, entries in the "Monthly Sales" field must be less than 1,000,000.



## EIA-800 Data Entry Screens

**Identification Tab Screen:** Enter all available identification information for your company in the appropriate boxes. Click the “Zero Submission” or “Resubmission” boxes if applicable.

**Refinery and Fractionator Activity tab**

Item Description	Product Code	Input	Production	Ending Stocks
Gross Input to Atmospheric Crude Oil Distillation Units	990			
Total Inputs (net, see instructions)	001			
Crude Oil	050			
Natural Gas Plant Liquids (NGPL) and Liquefied Refinery Gases (LROG)	242			
Propane/Propylene	246			
Unfinished Oils	812			
Fuel Ethanol	141			
Finished Motor Gasoline:				
Reformulated, Blended with Fuel Ethanol	125			
Reformulated, Other	127			
Conventional, Blended with Fuel Ethanol				
Ed55 and Lower	166			
Greater than Ed55	149			
Conventional, Other	130			
Motor Gasoline Blending Components:				
Reformulated Blendstock for Oxygenate Blending (RBOB)	118			
Conventional Blendstock for Oxygenate Blending (CBOB)	139			
Gasoline Treated as Blendstock (GTAB)	117			

**Refinery and Fractionator Activity Tab Screen:** Enter the appropriate data in the displayed fields. If you enter data that are considered outside the reasonable range for that field, a message will appear informing you of the range limits for that data entry. You must abide by these system limitations when entering data. For example, entries in the “Input” or “Stocks” fields must be less than 100,000.

## EIA-801 Data Entry Screens

**Identification Tab Screen:** Enter all available identification information for your company in the appropriate boxes. Click the “Zero Submission” or “Resubmission” boxes if applicable.

Item Description	Product Code	PADD 1					TOTAL U.S.		
		1A	1B	1C	PADD 2	PADD 3		PADD 4	PADD 5
		110	120	130	200	300	400	500	999
Natural Gas Plant Liquids (NGPL) and Liquefied Refinery Gases (LRG)	242								
Propane/Propylene	246								
Propylene (nontuel use)	624								
Fuel Ethanol	141								
Finished Motor Gasoline:									
Reformulated, Blended with Fuel Ethanol	125								
Reformulated, Other	127								
Conventional, Blended with Fuel Ethanol									
Ed55 and Lower	166								
Greater than Ed55	149								
Conventional, Other	130								
Motor Gasoline Blending Components:									
Reformulated Blendstock for Oxygenate Blending (RBOB)	118								
Conventional Blendstock for Oxygenate Blending (CBOB)	139								
Gasoline Treated as Blendstock (GTAB)	117								
All Other Motor Gasoline Blending Components	138								
Kerosene-Type Jet Fuel	213								
Kerosene	311								
Distillate Fuel Oil, TOTAL:									
15 ppm sulfur and under	465								
Greater than 15 ppm to 500 ppm sulfur (incl.)	466								
Greater than 500 ppm sulfur	467								
Residual Fuel Oil	511								
Asphalt and Road Oil	931								

**Terminal Stocks Tab Screen:** Enter the appropriate data in the displayed fields. If you enter data that are considered outside the reasonable range for that field, a message will appear informing you of the range limits for that data entry. You must abide by these system limitations when entering data. For example, entries in the “PADD” field must be less than 100,000.

### **EIA-802 and EIA-803 Data Entry Screens**

The EIA-802 and EIA-803 screens are very similar to the EIA-801 screens, with the following exceptions:

- the EIA-802 screen displays an addition tab for **Volumes**, for entering “Diesel Fuel Downgraded” data
- the EIA-803 screen displays a tab for **Crude Oil Stocks**, instead of **Terminal Stocks**

The data validations work the same way (entered "PADD" data must be less than 100,000) for the EIA-801, EIA-802, and EIA-803.

## EIA-804 Data Entry Screens

**EIA-804 Weekly Imports Report**

File Utility Window Help

NEW 804 COMPANY - 2010-01-08

Identification Imports Activity Imports by Country of Origin Errors and Warnings

**RESPONDENT IDENTIFICATION**

Period: Year: 2010 Month: 1 Day: 8

EIA ID: 8040000000 API ID: 80400

Zero Submission? ☐ Resubmission? ☐

Respondent Name: NEW 804 COMPANY

Doing Business As:

Physical Address:

Street/Suite/Bldg No:

City: State: Zip:

Mailing Address:

Street/Suite/Bldg No:

City: State: Zip:

Contact Information:

Name:

Telephone: ( ) - Ext.: Fax: ( ) -

Email Address:

Ready 09:33:49 OMB Number: 1905-0165 Expiration: 1/31/2013

**Identification Tab Screen:** Enter all available identification information for your company in the appropriate boxes. Click the “Zero Submission” or “Resubmission” boxes if applicable.

**EIA-804 Weekly Imports Report**

File Utility Window Help

NEW 804 COMPANY - 2010-01-08

Identification Imports Activity Imports by Country of Origin Errors and Warnings

**Imports Activity (Thousand Barrels)**

Item Description	Product Code	PADD 1			PADD 2	PADD 3	PADD 4	PADD 5	TOTAL U.S.
		1A	1B	1C					
Crude Oil	020	110	120	130	200	300	400	500	999
Crude Oil for Delivery to U.S. Strategic Petroleum Reserve	024								
Natural Gas Plant Liquids (NGPL) and Liquefied Refinery Gases (NRG)*:	242								
Propane/Propylene	246								
Fuel Ethanol	141								
Finished Motor Gasoline:									
Reformulated, Blended with Fuel Ethanol	125								
Reformulated, Other	127								
Conventional, Blended with Fuel Ethanol:									
Ed55 and Lower	166								
Greater than Ed55	149								
Conventional, Other	130								

Ready 09:34:36 OMB Number: 1905-0165 Expiration: 1/31/2013

**Imports Activity Tab Screen:** Enter the appropriate data in the displayed fields. If you enter data that are considered outside the reasonable range for that field, a message will appear informing you of the range limits for that data entry. You must abide by these system limitations when entering data. For example, entries in the “PADD” fields must be less than 100,000.

# PC Electronic Data Reporting Option (PEDRO) System User's Guide

**EIA-804 Weekly Imports Report**

File Utility Window Help

**NEW 804 COMPANY - 2010-01-08**

Identification Imports Activity **Imports by Country of Origin** Errors and Warnings

**Total U.S. Crude Oil Imports by Country of Origin (Thousand Barrels)**

Algeria 125	Angola 145	Argentina 150	Australia 160	Azerbaijan 115	Brazil 220	Canada 260
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Cameroon 257	Chad 273	China P.R. 280	Colombia 285	Rep. of Congo 290	Ecuador 325	Equatorial Guinea 332
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Gabon 388	Guatemala 415	Indonesia 458	Iran 460	Iraq 465	Kuwait 520	Libya 550
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Mexico 595	Nigeria 670	Norway 685	Oman 616	Russia 805	Saudi Arabia 785	Thailand 875
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Trinidad 887	U.Kingdom 925	Venezuela 940	Vietnam 945	Other 777		
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>		

09:35:35 OMB Number: 1905-0165 Expiration: 1/31/2013

**Imports by  
Country of  
Origin tab**

**Imports by Country of Origin Tab Screen:** Enter the appropriate data in the displayed fields. Entries in any of the Country fields must be less than 100,000.

## EIA-805 Data Entry Screens

**EIA-805 Weekly Terminal Blenders Report**

File Utility Window Help

NEW 805 COMPANY / NEW 805 PLANT - 2010-01-08

Identification Refinery Inputs Errors and Warnings

**RESPONDENT IDENTIFICATION**

EIA ID: 8050000000 API ID: 80500

Period: Year: 2010 Month: 1 Day: 8 Zero Submission? ☐ Resubmission? ☐

Respondent Name: NEW 805 COMPANY

Doing Business As:

Physical Address:

Street/Suite/Bldg No:

City: State: Zip:

Mailing Address:

Street/Suite/Bldg No:

City: State: Zip:

Refinery/Blending Plant Name: NEW 805 PLANT

Terminal Control Number (TCN):

Contact Information:

Name:

Telephone: ( ) - Ext.: Fax: ( ) -

Email Address:

Ready 09:36:50 OMB Number: 1905-0165 Expiration: 1/31/2013

**Identification Tab Screen:** Enter all available identification information for your company in the appropriate boxes. Click the “Zero Submission” or “Resubmission” boxes if applicable.

**EIA-805 Weekly Terminal Blenders Report**

File Utility Window Help

NEW 805 COMPANY / NEW 805 PLANT - 2010-01-08

Identification Refinery Inputs Errors and Warnings

**Refinery Inputs**

Product Description	Product Code	Input	Production
Oxygenates, Renewable Fuels, Natural Gas Plant Liquids, and Liquefied Refinery Gases:	003		
Fuel Ethanol	141		
Finished Motor Gasoline:			
Reformulated, Blend with Fuel Ethanol	125		
Reformulated, Other	127		
Conventional, Blended with Fuel Ethanol			
Ed55 and Lower	166		
Greater than Ed55	149		
Conventional, Other	130		
Motor Gasoline Blending Components:			
Reformulated Blendstock for Oxygenate Blending (RBOB)	118		
Conventional Blendstock for Oxygenate Blending (CBOB)	139		
Gasoline Treated as Blendstock (GTAB)	117		
All Other Motor Gasoline Blending Components	138		
Kerosene-Type Jet Fuel	213		
Kerosene	311		
Distillate Fuel Oil:			
15 ppm sulfur and under	465		
Greater than 15 ppm to 500 ppm sulfur (incl.)	466		
Greater than 500 ppm sulfur	467		
Total	999		

Ready 09:37:27 OMB Number: 1905-0165 Expiration: 1/31/2013

**Refinery Inputs Tab Screen:** Enter the appropriate data in the displayed fields. If you enter data that are considered outside the reasonable range for that field, a message will appear informing you of the range limits for that data entry. You must abide by these system limitations when entering data.

## EIA-809 Data Entry Screens

**EIA-809 Weekly Oxygenate Report**

File Utility Window Help

NEW 809 COMPANY - 2010-01-08

Identification Oxygenate Activity Errors and Warnings

**RESPONDENT IDENTIFICATION**

EIA ID: 8090000000 API ID: 80900

Period: Year: 2010 Month: 1 Day: 8 Zero Submission ? ☐ Resubmission ? ☐

Respondent Name: NEW 809 COMPANY

Doing Business As:

Physical Address:

Street/Suite/Bldg No:

City:  State:  Zip:

Mailing Address:

Street/Suite/Bldg No:

City:  State:  Zip:

Refinery/Blending Plant Name:

Terminal Control Number (TCN):

Contact Information:

Name:

Telephone: ( ) -  Ext.:  Fax: ( ) -

Email Address:

Ready 09:41:31 OMB Number: 1905-0165 Expiration: 1/31/2013

**Identification Tab Screen:** Enter all available identification information for your company in the appropriate boxes. Click the “Zero Submission” or “Resubmission” boxes if applicable.

**EIA-809 Weekly Oxygenate Report**

File Utility Window Help

NEW 809 COMPANY - 2010-01-08

Identification Oxygenate Activity Errors and Warnings

**OXYGENATE ACTIVITY (Thousand Barrels)**

Item Description	Product Code	Production	End of Week Stocks
Fuel Ethanol, Denatured	190	<input type="text"/>	<input type="text"/>
Fuel Ethanol, Undenatured	191	<input type="text"/>	<input type="text"/>

Ready 09:42:04 OMB Number: 1905-0165 Expiration: 1/31/2013

Oxygenate Activity tab

**Oxygenate Activity Tab Screen:** Enter the appropriate data in the displayed fields. If you enter data that are considered outside the reasonable range for that field, a message will appear informing you of the range limits for that data entry. You must abide by these system limitations when entering data.

## EIA-810 Data Entry Screens

**Identification Tab Screen:** Enter all available identification information for your company in the appropriate boxes. Click the “Zero Submission” or “Resubmission” boxes if applicable.

Refinery Input and Capacity	Code	Quantity
Gross Input to Atmospheric Crude Oil Distillation Units	990	
Fresh Feed Input to Downstream Processing Units:		
Catalytic Reformer	490	
Catalytic Cracking	491	
Catalytic Hydrocracking	492	
Fluid and Delayed Coking	493	
Operable Capacity of Atmospheric Crude Oil Distillation Units On the First Day of the Month (Barrels per Calendar Day):		
Operating	399	
Idle	400	
Total Operable	401	

**Refinery Inputs Tab Screen:** Enter the appropriate data in the displayed fields. If you enter data that are considered outside the reasonable range for that field, a message will appear informing you of the range limits for that data entry. You must abide by these system limitations when entering data. For example, entries in the “Quantity” field must be less than 100,000.



**EIA-810 Monthly Refinery Report**

NEW-810 COMPANY / 810 PLANT - 2010-04

Identification | Refinery Inputs | **Sulfur Content - API Gravity** | Refinery Operations | Refinery Storage Capacity | Errors and Warnings

**Sulfur Content and API Gravity of Crude Oil (Report either 030 or 040)**

Crude Oil	Code	Weighted Average Sulfur Content	Weighted Average API Gravity (at 60°F)
Receipts	030	<input type="text"/> %	<input type="text"/> *API
Inputs	040	<input type="text"/> %	<input type="text"/> *API

Ready | 15:01:49 | OMB Number: 1905-0165 | Expiration: 1/31/2013

**Sulfur Content Tab Screen:** As on the **Refinery Inputs** tab screen, enter the appropriate data in the displayed fields. Entries in the “Weighted Average Sulfur Content” fields must be less than 10 and contain no more than 2 decimal places; data entered in the “Weighted Average API Gravity” fields must be less than 100 and contain no more than 2 decimal places.

**EIA-810 Monthly Refinery Report**

NEW-810 COMPANY / 810 PLANT - 2010-04

Identification | Refinery Inputs | Sulfur Content - API Gravity | **Refinery Operations** | Refinery Storage Capacity | Errors and Warnings

**Refinery Operations ( Thousand Barrels)**

Item Description	Product Code	Stocks Beginning of Month (+)	Receipts During Month (+)	Inputs During Month (-)	Production During Month (+)	Shipments During Month (-)	Refinery Fuel Use and Losses During Month (-)	Stocks End of Month (+)
Crude Oil (incl. Lease condensate), TOTAL	050	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Domestic (incl. Alaskan)	010	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Alaskan	011	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Foreign	020	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Hydrogen	091	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Other Hydrocarbons	093	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Renewable Fuels (including Fuel Ethanol), TOTAL	202	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Fuel Ethanol	141	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Biomass-Based Diesel Fuel	203	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Other Renewable Diesel Fuel	205	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Calculated TOTAL		0	0					

Ready | 09:31:25 | OMB Number: 1905-0165 | Expiration: 1/31/2013

**Refinery Operations Tab Screen:** Enter the appropriate data in the displayed fields. Entries in all fields must be less than 100,000.

**EIA-810 Monthly Refinery Report**

NEW-810 COMPANY / 810 PLANT - 2010-04

Identification | Refinery Inputs | Sulfur Content - API Gravity | Refinery Operations | **Refinery Storage Capacity** | Errors and Warnings

**Refinery Storage Capacity ( Thousand Barrels)**

Item Description	Product Code	Working	Shell		
			In Operation	Idle	Total Shell
Crude Oil	050				
Fuel Ethanol	141				
Natural Gas Plant Liquids and Liquefied Refinery Gases	242				
Propane/Propylene (dedicated)	246				
Motor Gasoline (including Blending Components)	131				
Distillate Fuel Oil	411				
Kerosene and Kerosene-Type Jet Fuel	308				
Residual Fuel Oil	511				
Asphalt and Road Oil	931				
All Other	332				
Total	999				
Calculated TOTAL		0	0	0	0

Ready | 09:32:40 | OMB Number: 1905-0165 | Expiration: 1/31/2013

**Refinery  
Storage  
Capacity  
tab**

**Refinery Storage Capacity Tab Screen:** The collection of Refinery Storage Capacity data was added to the EIA-810 form in 2010. On this screen, enter the appropriate data in the displayed fields. Entries in all fields must be less than 100,000.

## EIA-811 Data Entry Screens

**Identification Tab Screen:** Enter all available identification information for your company in the appropriate boxes. Click the “Zero Submission” or “Resubmission” boxes if applicable.

**Stocks Tab Screen:** Data are entered in this screen one State at a time, or by U.S. Total. Select a State to view or edit by clicking on the drop-down arrow near the top of this screen (see above). Then enter the appropriate data in the displayed fields for the State selected. All data entries on this screen must be less than 100,000.

**NOTE:** You may also remove the selected State and its data by clicking the **Remove Data for this state** button, located to the right of the drop-down “State Selection” arrow.

**Volumes tab**

ITEM DESCRIPTION	CODE	QUANTITY					
		PADD 1	PADD 2	PADD 3	PADD 4	PADD 5	TOTAL U.S.
Volume of 15 ppm sulfur and under diesel fuel downgraded during month (thousand barrels)	466						

Ready [09:50:06] CMD Number: 1905-0165 Expiration: 1/01/2013

**Volumes Tab Screen:** Enter the appropriate data in the displayed fields for each PADD and for US Total, as applicable.

## EIA-812 Data Entry Screens

**EIA-812 Monthly Product Pipeline Report**

File Utility Window Help

NEW 812 COMPANY - 2010-05

Identification Stocks Movements Volumes Pipeline/Storage Tank Access Product Pipeline Storage Capacity Errors and Warnings

**RESPONDENT IDENTIFICATION**

Period: Year: 2010 Month: 5

EIA ID: 8128128120

Zero Submission ? ☐ Resubmission ? ☐

Respondent Name: NEW 812 COMPANY

Doing Business As:

Physical Address:

Street/Suite/Bldg No:

City: State: Zip:

Mailing Address:

Street/Suite/Bldg No:

City: State: Zip:

Contact Information:

Name:

Telephone: ( ) - Ext.: Fax: ( ) -

Email Address:

Ready 09:38:18 OMB Number: 1905-0165 Expiration: 1/31/2013

**Identification Tab Screen:** Enter all available identification information for your company in the appropriate boxes. Click the “Zero Submission” or “Resubmission” boxes if applicable.

**EIA-812 Monthly Product Pipeline Report**

File Utility Window Help

NEW 812 COMPANY - 2010-05

Identification Stocks Movements Volumes Pipeline/Storage Tank Access Product Pipeline Storage Capacity Errors and Warnings

**1 Stocks of Products in Lines and Working Tanks at End of Month (Thousand Barrels)**

Item Description	Product Code	PADD 1			PADD 2	PADD 3	PADD 4	PADD 5	TOTAL U.S.
		1A	1B	1C					
		110	120	130	200	300	400	500	999
Renewable Fuels:									
Fuel Ethanol	141								
Biomass-Based Diesel Fuel	203								
Other Renewable Diesel Fuel	205								
Other Renewable Fuels	207								
Oxygenates (Excluding Fuel Ethanol)									
Ethyl tertiary butyl ether (ETBE)	142								
Methyl tertiary butyl ether (MTBE)	144								
Other Oxygenates	445								
Natural Gas Plant Liquids (NGPL) and Liquefied Refinery Gases (LRG)									
Ethane/Ethylene	108								

Ready 09:38:57 OMB Number: 1905-0165 Expiration: 1/31/2013

**Stocks Tab Screen:** Enter the appropriate data in the displayed fields. If you enter data that are considered outside the reasonable range for that field, a message will appear informing you of the range limits for that data entry. You must abide by these system limitations when entering data. For example, entries in the “PADD” fields must be less than 100,000. Note that there is a scroll bar along the right side of this screen, for viewing the lower portion of the Stocks data entry section.

**EIA-812 Monthly Product Pipeline Report**

File Utility Window Help

**NEW 812 COMPANY - 2010-05**

Identification Stocks **Movements** Volumes Pipeline/Storage Tank Access Product Pipeline Storage Capacity Errors and Warnings

**2 Movements of Petroleum Products by Pipeline During Month Between PAD Districts (Thousand Barrels)**

Shipping PAD: \_\_\_\_\_ Receiving PAD: \_\_\_\_\_

Item Description	Product Code	1	1	2	2	2	3	3	3	3	4	4	4	5	5
		2	3	1	3	4	1	2	4	5	2	3	5	3	4
Renewable Fuels															
Fuel Ethanol	141														
Biomass-Based Diesel Fuel	203														
Other Renewable Diesel Fuel	205														
Other Renewable Fuels	207														
Natural Gas Plant Liquids (NGPL) and Liquefied Refinery Gases (LRG):															
Ethane/Ethylene	108														
Propane/Propylene	246														
Normal Butane/Butylene	244														
Isobutane/isobutylene	245														
Pentanes Plus	220														
Finished Motor Gasoline:															
Reformulated, Blended with Fuel Ethanol	125														
Reformulated, Other	127														
Conventional, Blended with Fuel Ethanol															
Ed55 and Lower	166														
Greater than Ed55	149														
Conventional, Other	130														

Ready 09:40:58 OMB Number: 1905-0165 Expiration: 1/31/2013

**Movements Tab Screen:** As on the **Stocks** tab screen, enter the appropriate data in the displayed fields. Entries in any fields must be less than 100,000. Note that there is a scroll bar along the right side of this screen, for viewing the lower portion of the **Movements** data entry section.

**EIA-812 Monthly Product Pipeline Report**

File Utility Window Help

**NEW 812 COMPANY - 2010-05**

Identification Stocks Movements Volumes **Pipeline/Storage Tank Access** Product Pipeline Storage Capacity Errors and Warnings

**PART 6. PIPELINE AND STORAGE TANK ACCESS (Enter one code in each PADD District, see instructions for further information.)**

Pipeline Operation and Access Codes	PADD 1			PADD 2	PADD 3	PADD 4	PADD 5
	1A	1B	1C				
	110	120	130	200	300	400	500
1 = Pipeline and Tanks for Exclusive Use by Reporting Company	<input type="button" value="1"/>	<input type="button" value="2"/>	<input type="button" value="3"/>	<input type="button" value="4"/>	<input type="button" value="5"/>	<input type="button" value="6"/>	<input type="button" value="7"/>
2 = Pipeline and Tanks may be Used by Other Companies	<input type="button" value="8"/>	<input type="button" value="9"/>	<input type="button" value="0"/>	<input type="button" value="1"/>	<input type="button" value="2"/>	<input type="button" value="3"/>	<input type="button" value="4"/>
3 = No pipeline or tanks Operated by the Reporting Company	<input type="button" value="5"/>	<input type="button" value="6"/>	<input type="button" value="7"/>	<input type="button" value="8"/>	<input type="button" value="9"/>	<input type="button" value="0"/>	<input type="button" value="1"/>

Ready 09:43:04 OMB Number: 1905-0165 Expiration: 1/31/2013

**Pipeline and Storage Tank Access Tab Screen:** The collection of Pipeline and Storage Tank Access data was added to the EIA-812 form in 2010. On this screen, select one code in each applicable PADD District, as explained in the form instructions.

**EIA-812 Monthly Product Pipeline Report**

File Utility Window Help

**NEW 812 COMPANY - 2010-05**

Identification Stocks Movements Volumes Pipeline/Storage Tank Access **Product Pipeline Storage Capacity** Errors and Warnings

**1 Stocks of Products in Lines and Working Tanks at End of Month (Thousand Barrels)**

Item Description	Product Code	PADD 1							TOTAL U.S.
		A	B	1C	PADD 2	PADD 3	PADD 4	PADD 5	
		110	120	130	200	300	400	500	
Fuel Ethanol									
Working	141	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Shell (Total)									
Idle		<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
In Operation		<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Natural Gas Plant Liquids and Liquefied Refinery Gases (Includes ethane, ethylene, propane, propylene, normal butane, butylene, isobutane, isobutylene, and pentanes plus stored separately or in mixes.)									

Ready 09:46:07 OMB Number: 1905-0165 Expiration: 1/31/2013

**Product Pipeline Storage Capacity Tab Screen:** The collection of Product Pipeline Storage Capacity data was added to the EIA-812 form in 2010. On this screen, enter the appropriate data into the PADD district and Total U.S. columns.

**EIA-812 Monthly Product Pipeline Report**

File Utility Window Help

**NEW 812 COMPANY - 2011-03**

Identification Stocks Movements Pipeline/Storage Tank Access Product Pipeline Storage Capacity Stocks In Tanks And Underground Storage Errors and Warnings

**RESPONDENT IDENTIFICATION**

EIA ID: 1111111111

Period: Year: 2011 Month: 3 Zero Submission? ☐ Resubmission? ☐

Respondent Name: NEW 812 COMPANY

Doing Business As:

Physical Address:

Street/Suite/Bldg No:

City: State: Zip:

Mailing Address:

Street/Suite/Bldg No:

City: State: Zip:

Contact Information:

Name:

Telephone: ( ) - Ext.: Fax: ( ) -

Email Address:

Ready 19:50:40 OMB Number: 1905-0165 Expiration: 1/31/2013

**Stocks in Tanks and Underground Storage Tab Screen:** The collection of Stocks in Tanks and Underground Storage data was added to the EIA-812 form in 2011. On this screen, enter the appropriate data into the PADD district and Total U.S. columns.



## EIA-813 Data Entry Screens

**EIA-813 Monthly Crude Oil Report**

File Utility Window Help

**NEW 813 - 2010-05**

Identification Stocks Receipts Movements Storage Capacity By PADD Storage Capacity at Cushing, OK Errors and Warnings

**RESPONDENT IDENTIFICATION** EIA ID: 8138138130

Period: Year: 2010 Month: 5 Zero Submission? ☐ Resubmission? ☐

Respondent Name: NEW 813

Doing Business As:

Physical Address:

Street/Suite/Bldg No:

City: State: Zip:

Mailing Address:

Street/Suite/Bldg No:

City: State: Zip:

Refinery/Blending Plant Name: PLANT 813

Terminal Control Number (TCN):

Contact Information:

Name:

Telephone: ( ) - Ext.: Fax: ( ) -

Email Address:

Ready 10:14:16 OMB Number: 1905-0165 Expiration: 1/31/2013

**Identification Tab Screen:** Enter all available identification information for your company in the appropriate boxes. Click the “Zero Submission” or “Resubmission” boxes if applicable.

**EIA-813 Monthly Crude Oil Report**

File Utility Window Help

**NEW 813 - 2010-05**

Identification Stocks Receipts Movements Storage Capacity By PADD Storage Capacity at Cushing, OK Errors and Warnings

**PART 3. STOCKS OF CRUDE OIL (Thousand Barrels)**

Item Description	Product Code	PADD I	PADD II	PADD III	PADD IV	PADD V	TOTAL 999
Pipeline/Tank Farm Stocks	056						
Cushing, Oklahoma Stocks	053						
Lease Stocks	057						
Alaskan Crude Oil in Transit by Water	092						

Ready 10:15:35 OMB Number: 1905-0165 Expiration: 1/31/2013

**Stocks Tab Screen:** Enter the appropriate data in the displayed fields. If you enter data that are considered outside the reasonable range for that field, a message will appear informing you of the range limits for that data entry. You must abide by these system limitations when entering data. For example, entries in the “PADD” fields must be less than 100,000.

**Receipts**  
tab

**Receipts Tab Screen:** As on the **Stocks** tab screen, enter the appropriate data in the displayed field (PADD III's Crude oil (050)). Entries in any fields must be less than 100,000.

## Movements

**Movements Tab Screen:** As on the **Stocks** tab screen, enter the appropriate data in the displayed fields. Entries in any fields must be less than 100,000.

**EIA-813 Monthly Crude Oil Report**

File Utility Window Help

NEW 813 - 2010-05

Identification Stocks Receipts Movements **Storage Capacity By PADD** Storage Capacity at Cushing, OK Errors and Warnings

**PART 6. CRUDE OIL STORAGE CAPACITY OF TANKFARMS BY PADD DISTRICT (Thousand Barrels)**  
Exclude pipeline storage capacity.

Item Description	Product Code	PADD 1	PADD 2 (include Cushing, Oklahoma)	PADD 3	PADD 4	PADD 5	TOTAL U.S.
Working Storage Capacity	056						
Shell Storage Capacity							
Idle							
In Operation (Exclusive Use)							
In Operation (Leased To Others)							

Ready 10:18:18 OMB Number: 1905-0165 Expiration: 1/31/2013

**Storage Capacity by PADD Tab Screen:** The collection of Storage Capacity data by PADD was added to the EIA-813 form in 2010. On this screen, enter the appropriate data in thousands of barrels.

**EIA-813 Monthly Crude Oil Report**

File Utility Window Help

NEW 813 - 2010-05

Identification Stocks Receipts Movements Storage Capacity By PADD **Storage Capacity at Cushing, OK** Errors and Warnings

**PART 7. CRUDE OIL STORAGE CAPACITY OF TANKFARMS1 AT CUSHING, OKLAHOMA**  
Report quantities in thousand barrels. Exclude pipeline storage capacity.  
Report crude oil storage capacity of tankfarm facilities in Lincoln, Payne, and Creek counties of Oklahoma.

Item Description	Product Code	(include Cushing, Oklahoma)	
Working Storage Capacity	053	0	
Shell Storage Capacity			
Idle		0	
In Operation (Exclusive Use)		0	
In Operation (Leased To Others)		0	

Ready 13:02:02 OMB Number: 1905-0165 Expiration: 1/31/2013

**Storage Capacity at Cushing, OK Tab Screen:** The collection of Crude Oil Storage Capacity data at Cushing, Oklahoma, was added to the EIA-813 form in 2010. On this screen, enter the appropriate data in thousand of barrels.

# PC Electronic Data Reporting Option (PEDRO) System User's Guide

**EIA-813 Monthly Crude Oil Report - [NEW 813 - 2011-03]**

File Utility Window Help

Identification Stocks Receipts Movements Storage Capacity By PADD Storage Capacity at Cushing, OK **Stocks in Tanks and Underground Storage** Errors and Warnings

**PART 8. STOCKS IN TANKS AND UNDERGROUND STORAGE (Thousand Barrels)**

Item Description	Product Code	PADD I	PADD II	PADD III	PADD IV	PADD V	TOTAL 999
Stocks in Tanks and Underground Storage (Total)	056						
Cushing, Oklahoma	053						

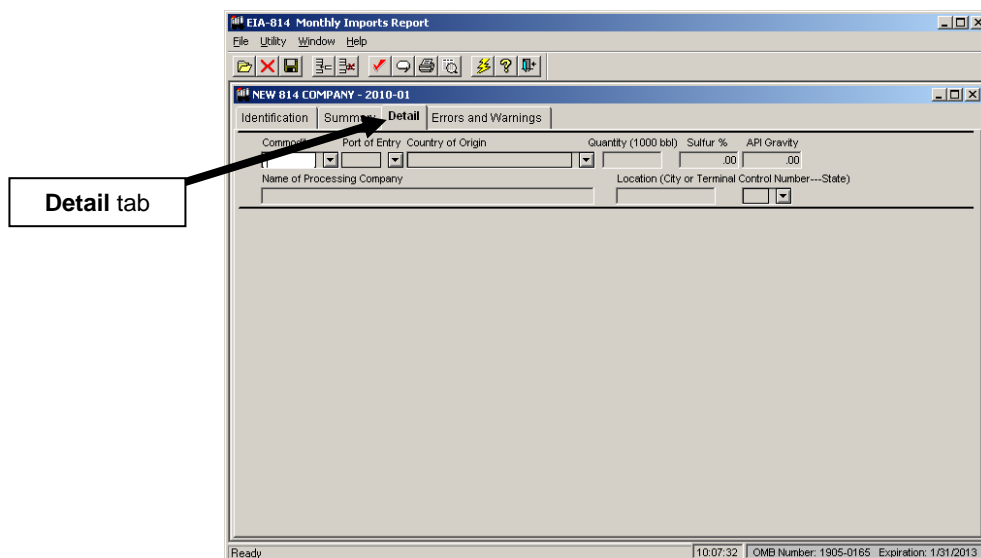
Ready 07/27/03 | OMB Number: 1905-0165 Expiration: 1/31/2013

**Stocks in Tanks and Underground Storage Tab Screen:** The total collection of Crude Oil Storage Capacity data and at Cushing, Oklahoma, was added to the EIA-813 form in 2011. On this screen, enter the appropriate data in thousands of barrels.

## EIA-814 Data Entry Screens

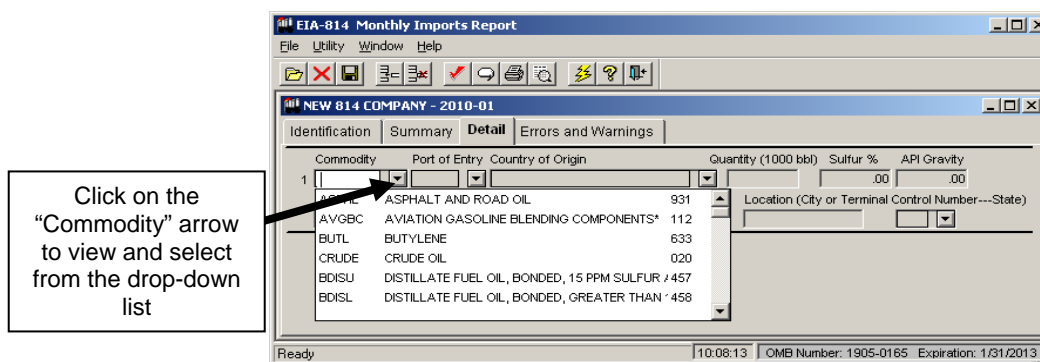
**Identification Tab Screen:** Enter all available identification information for your company in the appropriate boxes. Click the “Zero Submission” or “Resubmission” boxes if applicable.

**Summary Tab Screen:** Summary data are entered in this screen. Enter the “Total Number of Line Entries” reported in the appropriate box; this number should reflect the number of line entries you list under the **Detail** tab. Next, enter the “Total Quantity Reported,” which should equal the total quantity of all lines under the **Detail** tab. Each entry must be less than 100,000.



**Detail Tab Screen:** Enter the following data on this screen: Commodity (type of fuel that your company imports); Port of Entry (entry point where fuel was delivered); Country of Origin (country from which fuel was shipped); Quantity (amount of fuel received). The data entry process is described below:

First, select a “Commodity” type by clicking on the arrow to the right of the field, as shown below:



The data entry fields that are displayed are dependent on the type of commodity selected. For example, if you select “CRUDE OIL, FOREIGN” as your commodity, the “Sulfur %” and “API Gravity” fields become active (they are grayed-out for most commodity types). Also, the “Name of Processing Field” becomes active, as does the city and State fields. When a field becomes active on this **Detail** screen (changes from grey to white), it should not be left blank (an active field that is left blank will generate an error message when validation is run).

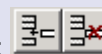
Next, select the “Port of Entry” from the drop-down list of U.S. cities (plus Puerto Rico and the Virgin Islands), listed alphabetically by State.

Then select the “Country of Origin” from the drop-down list of countries that export to the U.S. This list is also displayed alphabetically.

Enter the “Quantity” in the next field (must be less than 100,000). Then fill in any other fields for the selected commodity that are active (not grayed out).

### Insert a Row / Delete a Row buttons

NOTE: There are two buttons on the EIA-814 toolbar that are unique to the EIA-814 survey:



Click the left button (**Insert a Row**) to insert a new row on the **Details** screen, thereby allowing you to enter a different "Commodity" and its associated data.

The right button is used to delete a row. Click anywhere within the row you wish to remove, then click the **Delete a Row** button to delete the selected row. A confirmation box is displayed, to make sure you wish to delete the selected row/commodity.

## EIA-815 Data Entry Screens

**EIA-815 Monthly Terminal Blenders Report**

File Utility Window Help

NEW 815 COMPANY / PLANT 815 - 2010-04

Identification Terminal And Blending (Thousand Barrels) Bulk Terminal Storage Capacity (Thousand Barrels) Errors and Warnings

**RESPONDENT IDENTIFICATION** EIA ID: 8158158150

Period: Year: 2010 Month: 4 Zero Submission ? ☐ Resubmission ? ☐

Respondent Name: NEW 815 COMPANY

Doing Business As:

Physical Address:

Street/Suite/Bldg No:

City: State: Zip:

Mailing Address:

Street/Suite/Bldg No:

City: State: Zip:

Terminal Name: PLANT 815

Terminal Control Number (TCN):

Contact Information:

Name:

Telephone: ( ) - Ext.: Fax: ( ) -

Email Address:

Ready 13:24:10 OMB Number: 1905-0165 Expiration: 1/31/2013

**Identification Tab Screen:** Enter all available identification information for your company in the appropriate boxes. Click the “Zero Submission” or “Resubmission” boxes if applicable.

**EIA-815 Monthly Terminal Blenders Report**

File Utility Window Help

NEW 815 COMPANY / PLANT 815 - 2010-04

Identification Terminal And Blending (Thousand Barrels) Bulk Terminal Storage Capacity (Thousand Barrels) Errors and Warnings

**Terminal And Blending Activity (Thousand Barrels)**

Item Description	Product Code	Stocks Beginning of Month (+)	Receipts During Month (+)	Inputs During Month (-)	Production During Month (+)	Shipments During Month (-)	Refinery Fuel Use and Losses During Month (-)	Stocks End of Month (-)
Renewable Fuels:								
Fuel Ethanol	141							
Biomass-Based Diesel Fuel	203							
Other Renewable Diesel Fuel	205							
Other Renewable Fuels	207							
Oxygenates (excluding Fuel Ethanol):								
Ethyl Tertiary Butyl Ether (ETBE)	142							
Methyl Tertiary Butyl Ether (MTBE)	144							
Other Oxygenates	445							
Natural Gas Plant Liquids and Liquefied Refinery Gases, TOTAL	242							

Ready 13:24:46 OMB Number: 1905-0165 Expiration: 1/31/2013

**Terminal and Blending Tab Screen:** Enter the appropriate data in the displayed fields. If you enter data that are considered outside the reasonable range for that field, a message will appear informing you of the range limits for that data entry. You must abide by these system limitations when entering data.



# PC Electronic Data Reporting Option (PEDRO) System User's Guide

**EIA-815 Monthly Terminal Blenders Report**

File Utility Window Help

**NEW 815 COMPANY / PLANT 815 - 2010-04**

Identification Terminal And Blending (Thousand Barrels) **Bulk Terminal Storage Capacity (Thousand Barrels)** Errors and Warnings

Are any tanks at this terminal used for trans-shipment of products by pipeline or other transportation modes? Enter yes (Y) or no (N) in the box.

**Bulk Terminal Storage Capacity (Thousand Barrels)**

Item Description	Product Code	Working	Shell			
			In Operation		Idle	Total Shell
			Exclusive Use	Leased To Others		
Fuel Ethanol	141	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Natural Gas Plant Liquids and Liquefied Refinery Gases	242	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Propane/Propylene (dedicated)	246	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Motor Gasoline (Including Blending Components)	131	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Distillate Fuel Oil	411	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Kerosene and Kerosene-Type Jet Fuel	308	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Residual Fuel Oil	511	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Asphalt And Road Oil	931	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
All Other	332	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Total	999	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

Ready 13:26:02 OMB Number: 1905-0165 Expiration: 1/31/2013

**Bulk Terminal Storage Capacity Tab Screen:** The collection of Bulk Terminal Storage Capacity data was added to the EIA-815 form in 2010. On this screen, Check **Yes** or **No** to indicate if your company uses any tanks for trans-shipment of products by pipeline or other mode, then enter the appropriate data in thousand of barrels.

## EIA-816 Data Entry Screens

**Identification Tab Screen:** Enter all available identification information for your company in the appropriate boxes. Click the “Zero Submission” or “Resubmission” boxes if applicable.

**Natural Gas Liquids Activity tab**

Item Description	Product Code	Stocks Beginning of Month	Receipts During Month	Inputs During Month	Production During Month	Shipments During Month	Plant Fuel Use and Losses	Stocks End of Month
Ethane	243							
Propane	248							
Normal Butane	249							
Isobutane	247							
Pentanes Plus	220							

**Natural Gas Liquids Activity Tab Screen:** Enter the appropriate data in the displayed fields. If you enter data that are considered outside the reasonable range for that field, a message will appear informing you of the range limits for that data entry. You must abide by these system limitations when entering data. Entries in any of the Activity fields must be less than 100,000.

## EIA-817 Data Entry Screens

**Identification Tab Screen:** Enter all available identification information for your company in the appropriate boxes. Click the “Zero Submission” or “Resubmission” boxes if applicable.

1 Tanker and Barge Movement (Thousand Barrels)		1	1	1	2	2
Shipping PADD		2	3	5	1	3
Receiving PADD	Sub-PADD					
Item Description	Product Code					
Crude Oil	050					
Renewable Fuels:						
Fuel Ethanol	141					
Biomass-Based Diesel Fuel	203					
Other Renewable Diesel Fuel	205					
Other Renewable Fuels	207					

**Movement 1 Tab Screen:** Enter the appropriate data in the displayed fields. If you enter data that are considered outside the reasonable range for that field, a message will appear informing you of the range limits for that data entry. You must abide by these system limitations when entering data. Entries in any of the Activity fields must be less than 100,000. Note that there is a scroll bar along the right side of this screen, for viewing the lower portion of the **Movements** data entry section.

Movement 2 and 3 tabs display screens similar to **Movement 1**, with the same data checks.

## EIA-819 Data Entry Screens

**EIA-819 Monthly Oxygenate Report**

File Utility Window Help

**NEW 819 COMPANY - 2010-04**

Identification Production Capacity Oxygenate Activity Storage Capacity Errors and Warnings

**RESPONDENT IDENTIFICATION** EIA ID: 8198198190

Period: Year: 2010 Month: 4 Zero Submission? ☐ Resubmission? ☐

Respondent Name: NEW 819 COMPANY

Doing Business As:

Physical Address:

Street/Suite/Bldg No:

City:  State:  Zip:

Mailing Address:

Street/Suite/Bldg No:

City:  State:  Zip:

Contact Information:

Name:

Telephone: ( ) -  Ext.:  Fax: ( ) -

Email Address:

Ready 13:33:36 OMB Number: 1905-0165 Expiration: 1/31/2013

**Identification Tab Screen:** Enter all available identification information for your company in the appropriate boxes. Click the “Zero Submission” or “Resubmission” boxes if applicable.

**EIA-819 Monthly Oxygenate Report**

File Utility Window Help

**SECOND UPGRADE TEST CO - 2010-04**

Identification **Production Capacity** Oxygenate Activity Storage Capacity Errors and Warnings

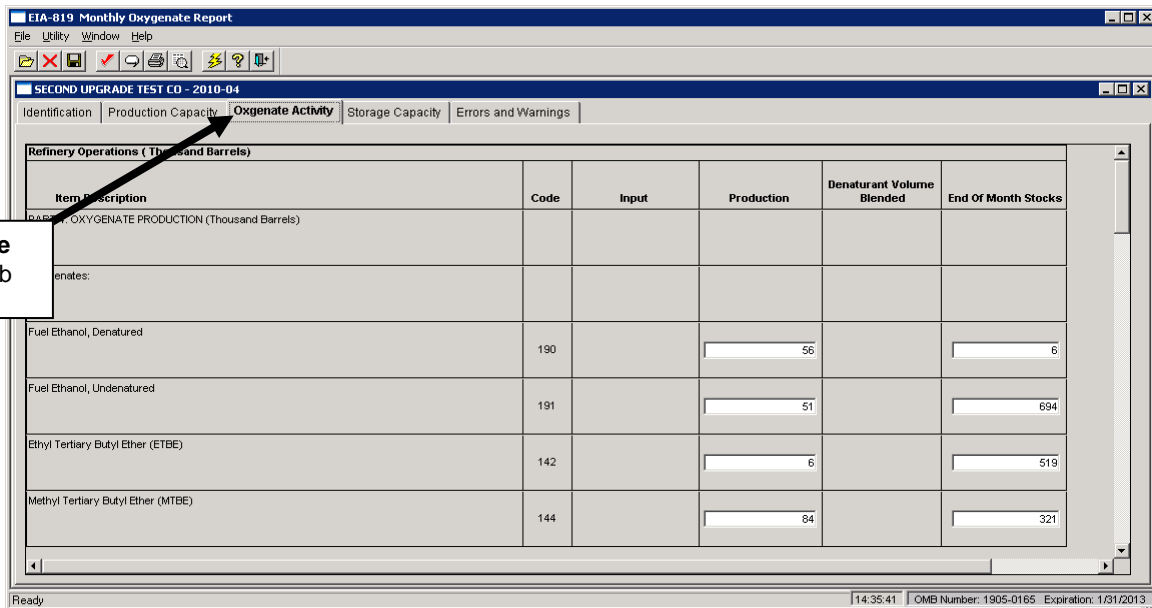
**Fuel Ethanol Production Capacity as of January 1 (million denatured gallons per year)**

Item Description	Code	Nameplate Capacity	Maximum Sustainable Over a 6 month period
Fuel Ethanol Production Capacity	190	<input type="text"/>	<input type="text"/>

Ready 14:37:12 OMB Number: 1905-0165 Expiration: 1/31/2013

**Production Capacity tab**

**Production Capacity Tab Screen:** This tab was added for Report Year 2010. Enter the appropriate data in the displayed fields. If you enter data that are considered outside the reasonable range for either field, a message will appear informing you of the range limits for that data entry. You must abide by these system limitations when entering data.



**Oxygenate Activity tab**

Item Description	Code	Input	Production	Denaturant Volume Blended	End Of Month Stocks
Fuel Ethanol, Denatured	190		56		6
Fuel Ethanol, Undenatured	191		51		694
Ethyl Tertiary Butyl Ether (ETBE)	142		6		519
Methyl Tertiary Butyl Ether (MTBE)	144		84		321

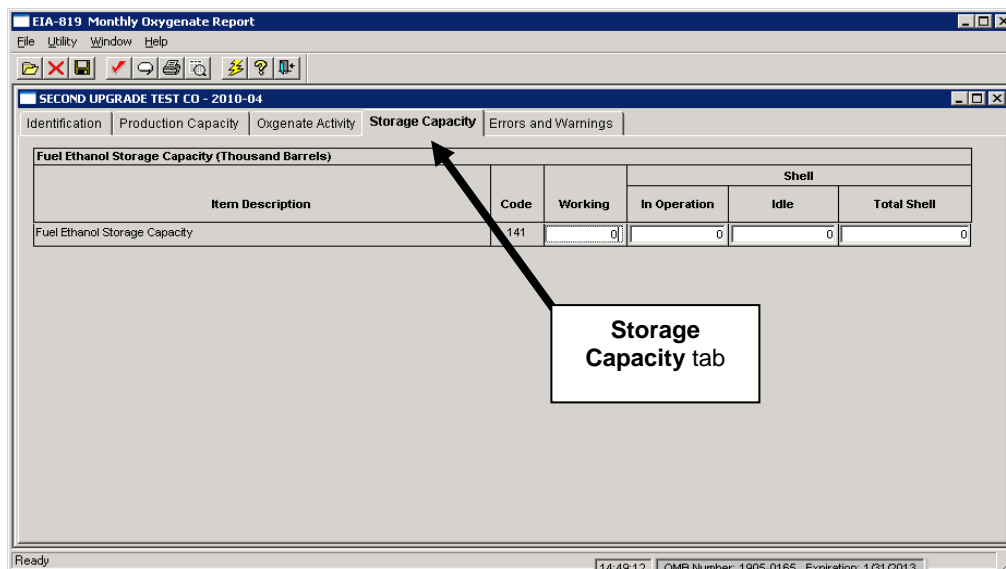
**Oxygenate Activity Tab Screen:** Much of this section of the Form EIA-819 was redesigned in 2010. This tab now displays data for three parts of the form:

Part 4 – Oxygenate Production

Part 5 - Denaturants Blended with Fuel Ethanol and Denaturants Ending Stocks

Part 6 – Blending to Produce Finished Motor Fuel

Enter the appropriate data in the displayed fields. If you enter data that are considered outside the reasonable range for that field, a message will appear informing you of the range limits for that data entry. You must abide by these system limitations when entering data.



**Storage Capacity tab**

Item Description	Code	Working	Shell		
			In Operation	Idle	Total Shell
Fuel Ethanol Storage Capacity	141	0	0	0	0

**Storage Capacity Tab Screen:** This tab was added for Report Year 2010. Enter the appropriate data in the displayed fields. If you enter data that are considered outside the reasonable range for either field, a message will appear informing you of the range limits for that data entry. You must abide by these system limitations when entering data.

## 7. Other PEDRO Functions

In addition to entering your data, there are several other useful functions that PEDRO offers to assist you in submitting the most accurate data possible in a timely manner. These other PEDRO functions are described in the sections that follow.

### Validate Data

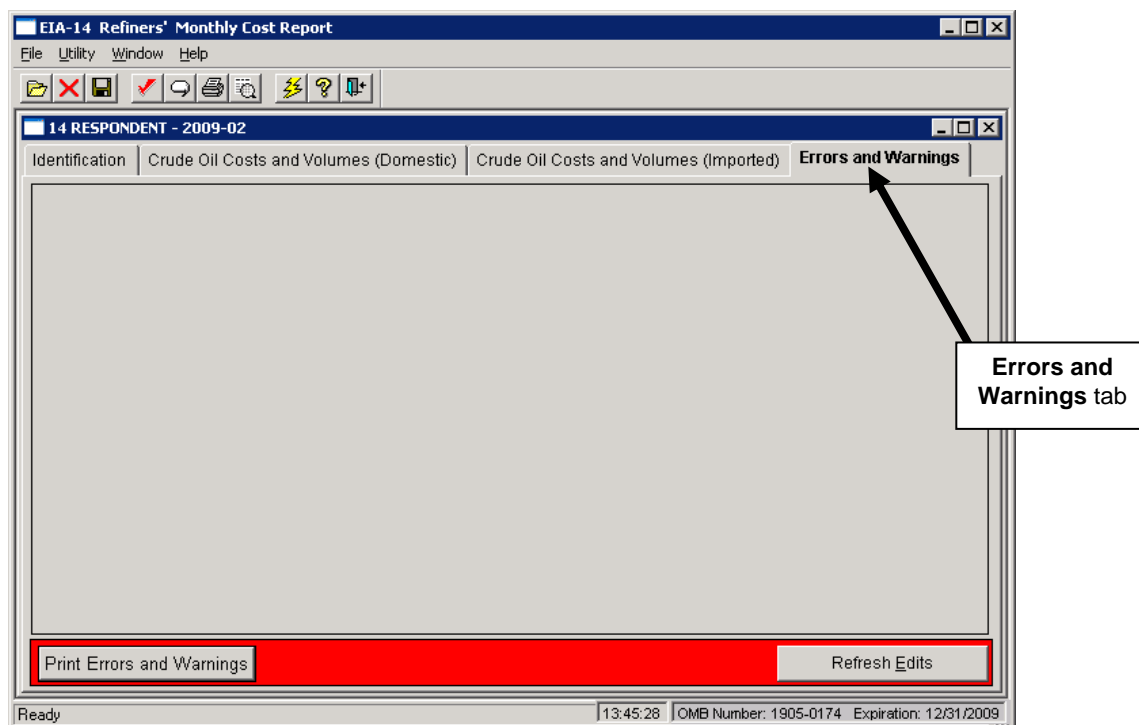
This function helps insure that your data are correct. In addition, it will minimize phone calls from EIA questioning the data you have sent to them. You may run edit checks as often as you like throughout the data entry process, but it is recommended that you validate your data at least once prior to submission. For a list of edit checks run during validation for each survey, see Appendix A, "Edit Checks."

There are two methods of validating PEDRO data:

1) *Errors and Warnings*

2) *Perform Validation Checks*

Both of these options perform basically the same function. The first is run by clicking the **Errors and Warnings** tab (the right-most tab on each of the PEDRO survey screens). This tab is displayed below:



**Errors and Warnings Screen**

Click the **Refresh Edits** button in the bottom right corner of the screen to begin the data validation. A list of any discovered errors (or potential errors) is displayed. Beneath each item is an "Explanation" box --if you would like to provide an explanation of why the "error" should be left unchanged, type it in the "Explanation" box below that specific error. You may then print the list of errors if you wish, by clicking the **Print Errors and Warnings** button in the bottom left corner of the screen.

To invoke the second method of data validation, "Perform Validation Checks," click the *Check* button "✓" on the toolbar, or choose the *Utility/Validate Data* menu option from the upper left menu bar. Data that do not pass the edit validation will be identified in a "Data Validation Error" window, which is displayed at the top of the screen. The data in question will be highlighted on the screen. A sample "Data Validation Error" is shown below.



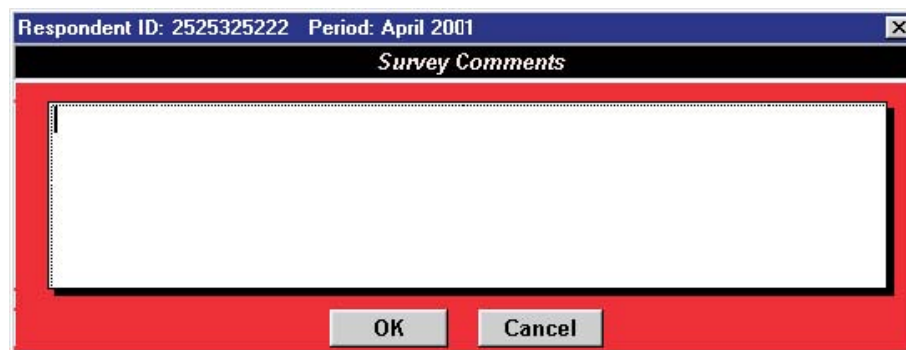
**Data Validation Error Box**

If you wish to type in an explanation for this error, do so in the "Explanation" box. To scroll through the series of discovered edit checks, click the **Previous Edit** and **Next Edit** button. To start the validation process over, click the **Restart Edits** button; this is useful if you correct an error while the "Data Validation Error" window is open. Click the **Done** button to close the "Data Validation Error" window.

## Enter Comments

If you wish to enter a comment to explain any unusual or substantially different aspects of your company's operations, click the **Comments** button on the toolbar, "📝" or choose the *Utility/Comments* menu option from the upper left menu bar.

The following "Comments" box is displayed:



**Survey Comments Box**


Type in the comments for the Respondent ID and Period identified at the top of the "Survey Comments" box, and click the **OK** button when finished.


## Save PEDRO Data

To save PEDRO data as it is entered, click the **Save** button on the toolbar, "", or choose the *File / Save* menu option from the upper left menu bar.

**NOTE:** Whenever you exit a respondent or survey without saving, you will be prompted whether you wish to save your modifications before closing.


## Close Current Respondent

When you are finished with a particular respondent and period but wish to keep the currently-selected survey open, click the **Close Respondent** button on the toolbar, "" or choose the *File / Close* menu option from the upper left menu bar.

You may then click the **Open Respondent** button "" to open a different respondent/period within the survey.

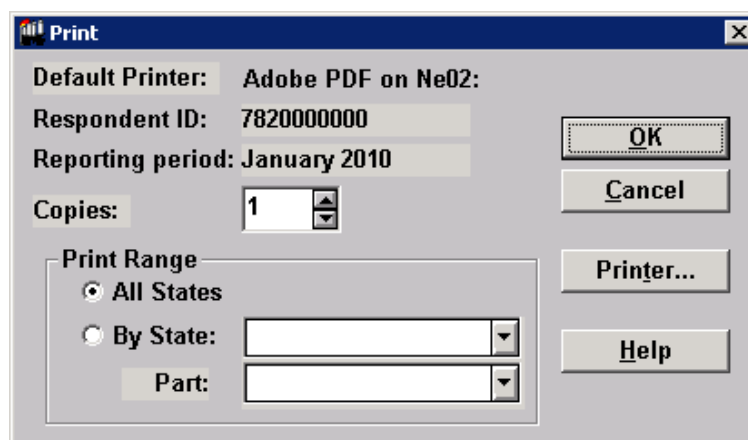
## Print Options

To print a report for a selected respondent/reporting cycle, first open a survey form (see the "Select a Respondent" in the *Opening a Survey* section of this manual). Then either:

- Click the *Print* icon on the toolbar ""; or
- Choose the *Print* option from the *File* menu.

The currently-selected respondent/period will be printed, displaying all data you've entered.


**NOTE:** When using the EIA-782A, B and C Surveys, the following screen is displayed when the **Print** button is clicked:



EIA-782A, B, & C Print Box



From this screen, you may select the number of copies you wish to print (in the “Copies” box); and whether you wish to print “All States” (the default option) or one state (by clicking the “By State” button). If you select one state, you may also select whether you wish to print “All Parts” of the 782 form, or only individual parts of the form. You may also adjust your printer setup by clicking the **Printer** button. After making your desired selections, click the **OK** button to continue with the printing process.

A **Print Preview** button “” is also available if you wish to view the form as it will appear when printed.

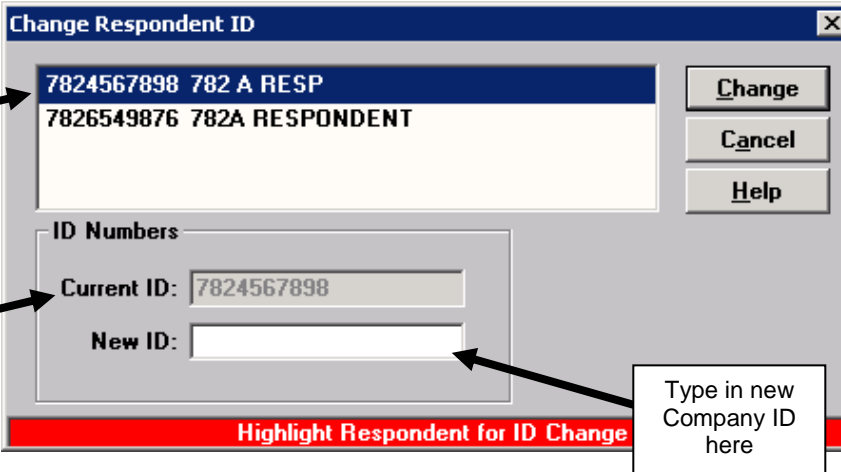
From the “Print Preview” screen, you can print the form, change your printer settings, scroll through the pages of the form being displayed, and zoom between 20% and 200% of the form's actual size.

## Change Respondent ID Number

If you wish to change a respondent's EIA ID number (or API ID number) for a company that you've already added to PEDRO, choose the *Utility / Change ID* menu option from the tool bar in the upper left corner of the PEDRO screen. This option is only available when no respondent/period is open in PEDRO (the menu option appears grayed out if a respondent is open). The look of the “Change ID” box is slightly different between the surveys, as displayed below:

### EIA-14, EIA-182, and EIA-782A, B, & C Surveys

After selecting the “Change ID” option, the following “Change Respondent ID” box is displayed:



The screenshot shows a dialog box titled "Change Respondent ID" with a close button (X) in the top right corner. Inside the dialog, there is a list of respondents. The first two entries are "7824567898 782 A RESP" and "7826549876 782A RESPONDENT". To the right of the list are three buttons: "Change", "Cancel", and "Help". Below the list, there is a section titled "ID Numbers" containing two text input fields: "Current ID:" with the value "7824567898" and "New ID:" which is empty. At the bottom of the dialog, there is a red bar with the text "Highlight Respondent for ID Change".

Annotations with arrows point to the following elements:

- "Select a company from this list" points to the list of respondents.
- "Company's current ID is displayed here" points to the "Current ID:" field.
- "Type in new Company ID here" points to the "New ID:" field.

**Change Respondent ID Box**

Select the company and ID that you wish to change. The “Current ID” of the selected company is displayed in the field identified above; type in the new ID in the field below it. Click the **OK** button. A confirmation box is displayed; click the **OK** button to complete the ID change.

**EIA-800 through 805, EIA-809 through 817, and EIA-819 Surveys**

After selecting the “Change ID” option, the following “Change Respondent ID” box is displayed:

EIA ID	API ID	
0101010101		OPERATIONS FUEL
0101010122		REFINED FUEL
1010102222		REFINED FUEL
0101010102		SMITH PETROLEUM

Buttons: Change EIA & API, Change EIA Only, Change API Only, Cancel, Help

EIA ID Numbers: Current EIA ID: 0101010101, New EIA ID: [ ]

API ID Numbers: Current API ID: [ ], New API ID: [ ]

Highlight Respondent for ID Change

**Change Respondent ID Box**

Select the company and ID that you wish to change. The EIA ID of the selected company is displayed in the “Current EIA ID” field identified above; the API ID is displayed in the box to the right of the EIA ID. Type in the new EIA ID in the appropriate field, and/or the new API ID. Click the appropriate button, depending on whether you wish to change both the EIA and API IDs (**Change EIA & API**), only the EIA ID (**Change EIA Only**), or only the API ID (**Change API ID Only**). A confirmation box is displayed; click the **OK** button to complete the ID change. All data formerly under the old ID will now be displayed under the new ID.

**Delete a Period or Respondent**


If you wish to remove a period or respondent from a survey, choose the *Utility / Delete Period/Respondent* menu option from the menu bar in the upper left corner of the PEDRO screen. This option is only available when no respondent/period is open in PEDRO (the menu option appears grayed out if a respondent is open).

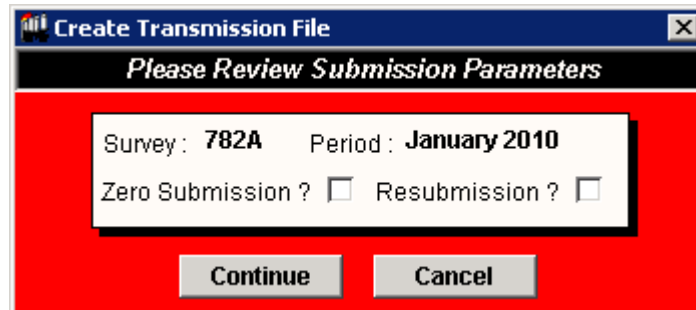
After selecting “Delete Period/Respondent,” a box is displayed, listing the current respondents and periods for the survey. Select the Period or Respondent you wish to delete, and click the appropriate button (**Delete Respondent** or **Delete Period**). A confirmation box is displayed; click the **OK** button to remove the selected Respondent or Period.

Note that, if a Respondent only has one corresponding Period, the system will not allow you to delete that unique Period -- a Respondent cannot exist without at least one Period. Also, remember that **all data** for the respondent will be deleted as well when the respondent is deleted.

## Create Transmission File

After all data have been entered and checked for a given survey, a final Transmission File must be generated for filing your data with EIA. The Transmission File is transported to EIA using the PEDRO Communications Module, described in the next section of this manual.

To create a Transmission File, click the **Create Transmission File** button on the toolbar, "" or choose the *Utility / Create Transmission File* menu option from the upper left menu bar. The following screen is displayed:

A screenshot of a Windows-style dialog box titled "Create Transmission File". The dialog has a red background. At the top, there is a black bar with the text "Please Review Submission Parameters" in white. Below this, a white rectangular box contains the text "Survey : 782A" and "Period : January 2010". Underneath, there are two checkboxes: "Zero Submission ?" and "Resubmission ?", both of which are currently unchecked. At the bottom of the dialog, there are two buttons: "Continue" and "Cancel".

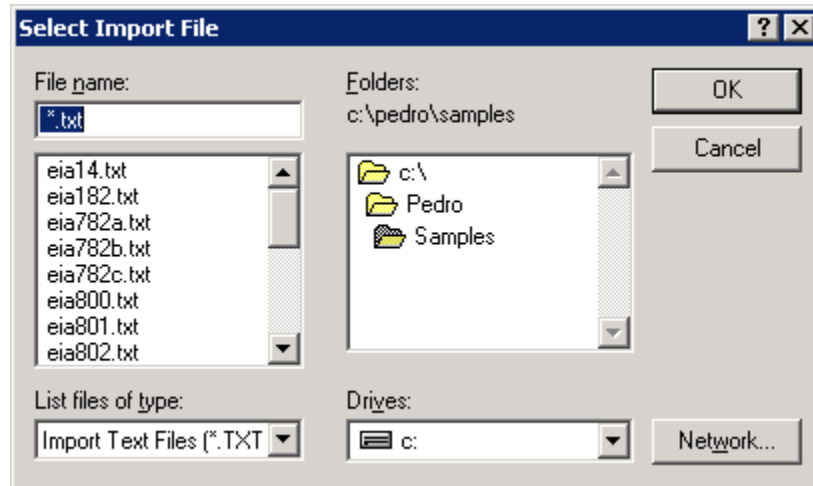
### Create Transmission File Box

Review the displayed information (check the survey number and Period, and check the Zero Submission and/or Resubmission boxes if applicable). If the submission parameters appear correct, click the **Continue** button. A box is displayed, asking if you wish to open PEDRO Communications now. If you wish to submit your data transmission file now, click the **Yes** button. If you wish to wait and submit it later, click the **No** button.

For instructions on running the PEDRO Communications Module, see Part 8, "The PEDRO Communications Module."

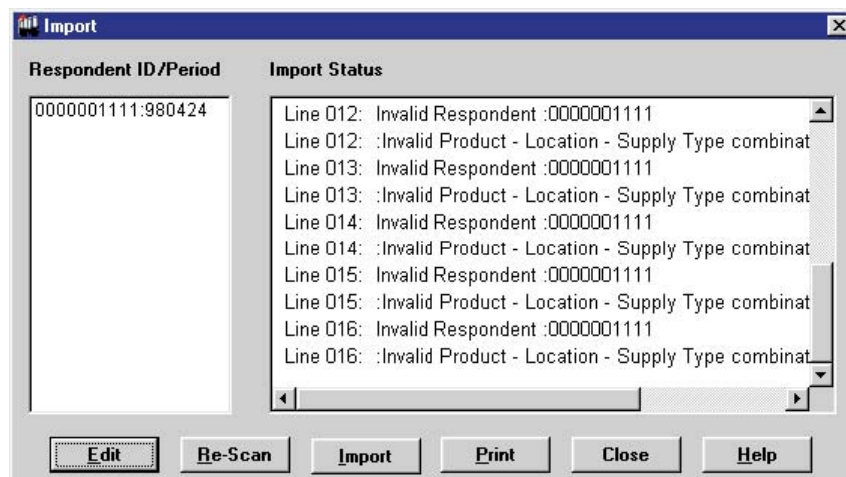
## Import Data

To import data for one or more respondents and reporting periods, close all respondents and report periods, and choose the *Import* option from the *Utility* menu. The following screen is displayed:



Select Import File Box

Select the file to be imported and click the **Open** button. The file to be imported must be formatted according to the survey layout, specified in Appendix A. The selected file will be scanned for proper record format. If the format is correct, the following "Import" screen is displayed:



View Import File Box

As shown in the example above, information about the data being imported is displayed in the "Import Status" portion of the screen. This will include any potential errors that have been found in the imported data.

If you wish to re-check the data after editing it or recreating it elsewhere, click the **Re-scan** button. You may also print information in the "Import Status" box by clicking the **Print** button.

You may complete the import by clicking the **Import** button. If you wish to edit the data prior to importing, follow these steps:

To edit individual lines of data within the file before importing it into PEDRO, click the **Edit** button in the bottom left corner of the "Import" box. The following screen is displayed:

Record #	1	2	3	4	5
1	12345678901234567890123456789012345678901234567890				
2	8040000001111049824	IMPO110020	2110		
3	8040000001111049824	IMPO120020	2120		
4	8040000001111049824	IMPO130020	2130		
5	8040000001111049824	IMPO200020	2200		
6	8040000001111049824	IMPO300020	2300		
7	8040000001111049824	IMPO400020	2400		
8	8040000001111049824	IMPO500020	2500		
9	8040000001111049824	IMPO999020	15760		
10	8040000001111049824	IMPO110CC0	110		
11	8040000001111049824	IMPO120CC0	120		

**Edit Imported Data Box**

You may click on any line and type in any adjustments you wish to make. If you wish to add a new line of data, click the line *below* where you wish the new line to appear, and click the **Insert** button. If you wish to remove an entire line of data, click on it, then click the **Delete** button.

After completing any editing, click the **OK** button to return to the "Import" box, or click **Cancel** to ignore any changes. Click the **Import** button on the "Import" box to complete the importation of data into PEDRO.

## 8. The PEDRO Communications Module

The PEDRO Communications Module is used when you wish to transmit one or more data files to EIA. PEDRO Communications requires that you have previously entered your data, successfully validated your data, and created a transmission file containing your data. If all three of these steps have been completed, then you are ready to send your transmission file to EIA.

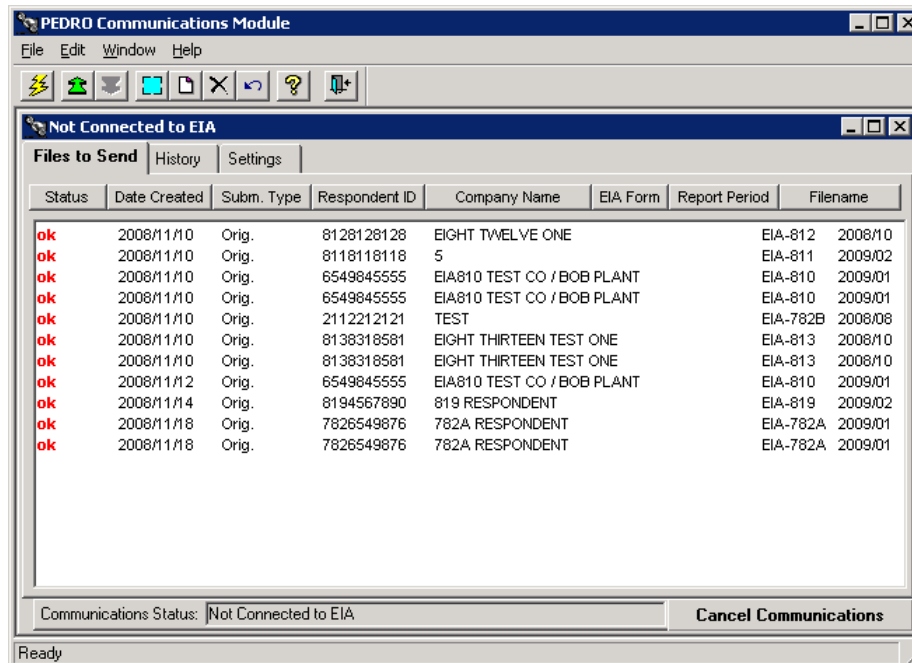
There are two ways you can invoke the communications module. You may enter PEDRO Communications immediately after creating a transmission file, by responding **Yes** when the pop-up box asks you if you want to start PEDRO Communications. You may also enter PEDRO Communications directly from Windows by clicking on the PEDRO Communications application icon. This is accomplished outside of the PEDRO survey module. After using either method to access the PEDRO Communications Module, the following screen is displayed.



A dialog box titled "Logon to EIA Communications" with a blue header bar. It contains two text input fields: "Your Name:" with the text "JOHN SMITH" and "Your phone number:" with the text "555 555-1234". Below the fields are three buttons: "Logon", "Cancel", and "Help".

**Logon to EIA Communications Box**

This identification information will be used by both EIA and your company to track the transmission of data files. Your name will be displayed as it was entered in PEDRO; you may update it here if necessary. Please enter your phone number, so that EIA personnel can contact you if necessary. After completing name and phone number fields, click the **Logon** button to access the PEDRO Communications Module. The main screen is displayed below.



The main screen of the PEDRO Communications Module. It features a menu bar (File, Edit, Window, Help) and a toolbar with icons for file operations. A status bar at the top indicates "Not Connected to EIA". Below this is a tabbed interface with "Files to Send", "History", and "Settings" tabs. The "Files to Send" tab displays a table of files ready for transmission.

Status	Date Created	Subm. Type	Respondent ID	Company Name	EIA Form	Report Period	Filename
ok	2008/11/10	Orig.	8128128128	EIGHT TWELVE ONE	EIA-812	2008/10	
ok	2008/11/10	Orig.	8118118118	5	EIA-811	2009/02	
ok	2008/11/10	Orig.	6549845555	EIA810 TEST CO / BOB PLANT	EIA-810	2009/01	
ok	2008/11/10	Orig.	6549845555	EIA810 TEST CO / BOB PLANT	EIA-810	2009/01	
ok	2008/11/10	Orig.	2112212121	TEST	EIA-782B	2008/08	
ok	2008/11/10	Orig.	8138318581	EIGHT THIRTEEN TEST ONE	EIA-813	2008/10	
ok	2008/11/10	Orig.	8138318581	EIGHT THIRTEEN TEST ONE	EIA-813	2008/10	
ok	2008/11/12	Orig.	6549845555	EIA810 TEST CO / BOB PLANT	EIA-810	2009/01	
ok	2008/11/14	Orig.	8194567890	819 RESPONDENT	EIA-819	2009/02	
ok	2008/11/18	Orig.	7826549876	782A RESPONDENT	EIA-782A	2009/01	
ok	2008/11/18	Orig.	7826549876	782A RESPONDENT	EIA-782A	2009/01	

At the bottom, there is a "Communications Status:" label showing "Not Connected to EIA" and a "Cancel Communications" button. The Windows taskbar at the very bottom shows the application is "Ready".

**PEDRO Communications Main Screen**

If you are using PEDRO Communications for the first time, you will have to configure it to transmit and receive data from EIA.

Click the "Settings" tab, as shown below.

The screenshot shows the PEDRO Communications Module window. The 'Settings' tab is selected, displaying various configuration fields. A callout box labeled 'Settings tab' points to the 'Settings' tab. The fields include 'Your Name' (JOHN SMITH), 'Your Company Name' (DOE/EIA), 'Your Telephone Number' (555 292-5689), 'Extension', 'Your E-mail Address', and 'Dialing Prefix'. Below these are two sections: 'Internet Access' with radio buttons for 'Directly Connected', 'Use Your Own Internet Dialup', and 'None/Unknown' (selected); and 'FTP' with radio buttons for 'Passive' and 'Not Passive' (selected). At the bottom, there is a 'Communications Status' field showing 'Not Connected to EIA' and a 'Cancel Communications' button. The status bar at the very bottom says 'Ready'.


### PEDRO Communications Main Screen – Settings Tab

Enter all of the appropriate information in the space provided.

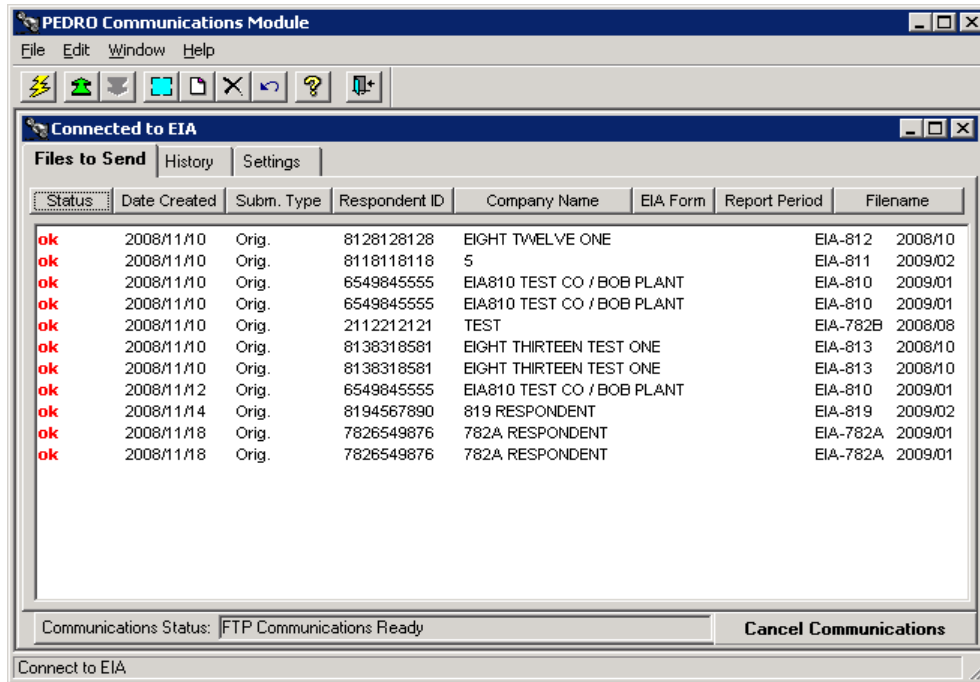
You must have Internet access in order to transmit data using PEDRO Communications. Make sure you are logged on to the Internet when you attempt to transmit files. If you select *None/Unknown* on the "Settings" screen (shown above), the system will attempt to determine your method of access.

Brief descriptions of each of the options in the "Internet Access" box:

- **Directly Connected:** Select this option if you have a direct connection to the Internet.
- **Use Your Own Internet Dial-Up:** Select this option if you access the Internet via a cable modem or DSL, or an Internet Service Provider such as AOL.
- **None/Unknown:** Select this option if you do not know what type of connection you have, or if you have no way to access the Internet. If you have problems getting this option to work, call PEDRO support for assistance.


After entering the necessary information in the “Settings” tab screen, you may connect to EIA to transmit your data. To do so, click the **Connect** button  or choose the *File / Connect* menu option from the menu bar in the upper left corner of the PEDRO Communications screen.

Click on the “Files to Send” tab, and select the files to be transmitted to EIA. Use the normal Windows convention of clicking the left mouse button on the file you wish to transmit. If you wish to send more than one file, press the *Ctrl* key and then click on the files you wish to send (while holding the *Ctrl* key down). In this manner, you can select any number of files for transmission.



**PEDRO Communications Main Screen - Select Files to Send**

Note that, in the example shown above, the *Status* for each file is **ok**. This means that these files have been validated, and therefore are suitable for transmission to EIA.

If you now click on the **Transmit** button  on the toolbar, or select the *File / Transmit* menu item, your file(s) will be sent to EIA. At that point, the *Status* column for the file(s) you transmitted will be updated to “Sent” to indicate a successful transmission.

Click on the “History” tab to view files that have been successfully transmitted to EIA. If you have just transmitted, the latest sent file will not show up until you exit and reenter PEDRO Communications. If there was a problem during transmission, and some/all of the data were lost, you may have to recreate the file and retransmit it.



## Other PEDRO Communication Module Functions

In addition to the functions already described, the toolbar along the top left portion of the PEDRO Communications Main Screen also provides the following functionality:

The group of four buttons can be used to perform the following functions:



1. 2. 3. 4.

- 1 **Select All:** Click this button to highlight every entry on the currently-displayed screen. This is useful if you are transmitting a large number of respondent data files at once.
- 2 **Select None:** Click this button to de-select any and all entries you may have highlighted on the currently-displayed screen.
- 3 **Delete:** Click this button to delete the highlighted entry (or entries) on the currently-displayed screen. The "Status" will then change from "ok" to "deleted."
- 4 **Undelete:** Click this button to undelete any highlighted entry (or entries) whose "Status" is "deleted." The "Status" will then switch back to "ok" (assuming the highlighted entry has passed validation).

**NOTE:** Each of these four functions can also be performed using the *Edit* drop-down menu:

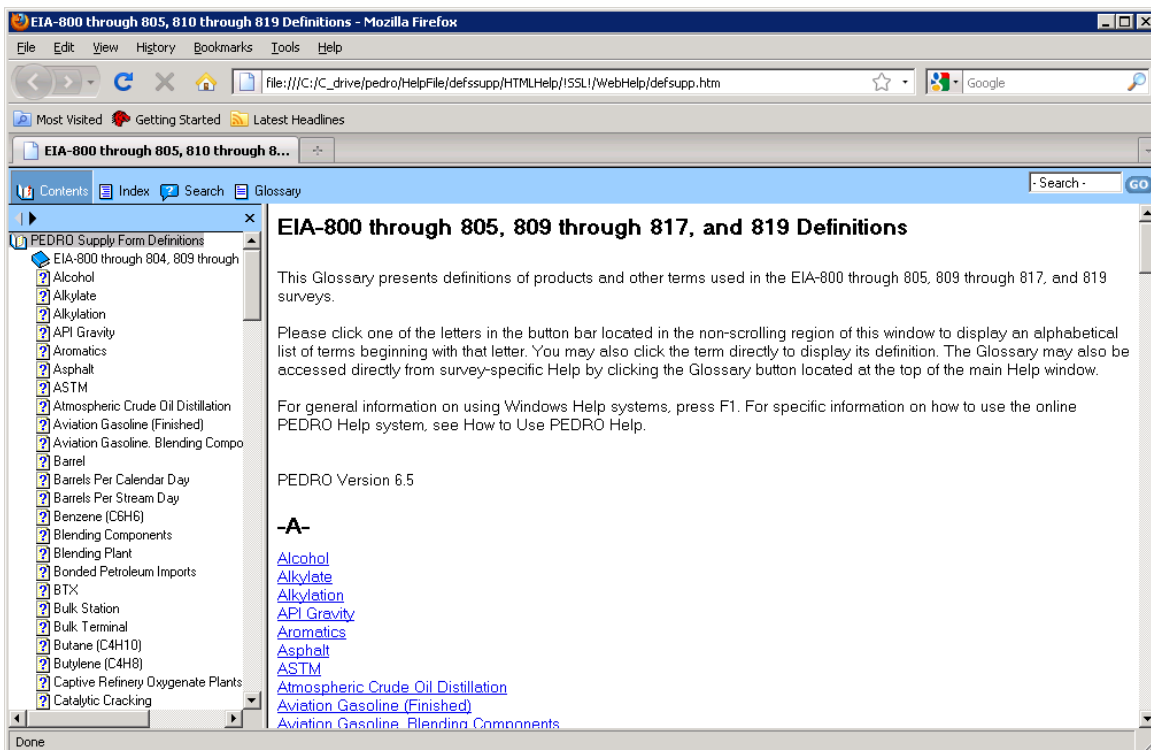


**PEDRO "Edit" Menu**

## 9. PEDRO Help

PEDRO's online Help allows you to obtain access to any information necessary to use the PEDRO system.

You can obtain access to online Help at any point in the PEDRO system by selecting the “*Contents*” option from the “*Help*” menu located at the top of the main PEDRO window. Doing so will connect you to the Contents screen for general PEDRO Help. Help for the specific EIA survey form with which you are currently working is accessed by selecting the “*Survey Specific Help*” option from the “*Help*” menu. Choosing the “*Search for Help On*” option from the “*Help*” menu will display a dialog box allowing you to search for survey-specific Help topics containing specific keywords. The online Help for the EIA-800 through 805, 809 through 817, and 819 surveys has been updated and now runs through your Internet Browser, as shown below:



This new Help is run using the clickable links displayed within your browser.

The Help for the EIA-14, EIA-182 and EIA-782 surveys are displayed via windows that allow you to navigate among the topics in the Help system in a number of ways. By clicking the Contents button, for example, you will open the Contents screen and be presented with an overview of all topics in the Help system. Any information not available in the Contents screen will be accessible from the Search facility (click the **Search** button), which will display a dialog box allowing you to search for Help topics containing specific keywords. Clicking the Back button will return you to the previous topic on the display. The History button will display a running history of up to 40 topics viewed since the Help system was opened; this list will appear in a secondary window, and you can click one of the topics and jump straight to it. Clicking one of the Browse buttons (marked "<<" and ">>") will allow you to wander through a series of related Help topics. You may exit the Help system at any time by clicking the **Exit** button.

# **PC Electronic Data Reporting Option (PEDRO) System User's Guide**

## **Appendix A**

### **Edit Checks**

**Appendix A  
Edit Checks  
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## General Information

This appendix addresses survey-specific information for the following Petroleum Surveys operating under PEDRO, for survey submissions with a report period greater than or equal to January 1<sup>st</sup>, 2009:

- EIA-14 Refiners' Monthly Cost Report
- EIA-182 Domestic Crude Oil First Purchase Report
- EIA-782A Refiners'/Gas Plant Operators' Monthly Petroleum Product Sales Report
- EIA-782B Resellers'/Retailers' Monthly Petroleum Product Sales Report
- EIA-782C Monthly Report of Prime Supplier Sales of Petroleum Products Sold for Local Consumption
- EIA-800 Weekly Refinery Report
- EIA-801 Weekly Bulk Terminal Report
- EIA-802 Weekly Product Pipeline Report
- EIA-803 Weekly Crude Oil Stock Report
- EIA-804 Weekly Imports Report
- EIA-805 Weekly Terminal Blenders Report
- EIA-809 Weekly Oxygenate Report
- EIA-810 Monthly Refinery Report
- EIA-811 Monthly Bulk Terminal Report
- EIA-812 Monthly Product Pipeline Report
- EIA-813 Monthly Crude Oil Report
- EIA-814 Monthly Imports Report
- EIA-815 Monthly Terminal Blenders Report
- EIA-816 Monthly Natural Gas Liquids Report
- EIA-817 Monthly Tanker and Barge Movement Report
- EIA-819 Oxygenate Telephone Report

Information on specific survey reporting cycles, submission due dates, resubmission policies and instructions, are contained in both the PEDRO Help, and on the EIA webpage. For questions regarding specific survey data, contact your EIA specialists listed in the survey instructions, or on the EIA webpage.

The information below provides specific edit criteria and file specific information for importing data files.

## **Edit Criteria**

PEDRO provides an on-line error-checking process that highlights discrepancies. This permits you to enter and check data before transmitting to EIA. There are two types of error checks, immediate mandatory validations, and data validation edits. The immediate mandatory validations prevent the user from entering incorrect data at the time of data entry, while the data validation edits flag questionable data (after data entry is complete, but prior to submitting data to EIA). Listed below are the immediate mandatory validations.

- Keystroke limits shall be applied as the user types in any data for all fields, to prevent an overload of database fields and / or to prevent an unreasonable scale for a given field.
- Zip codes fields shall accept up to 10 alphanumeric characters, thus accepting both zip codes and Canadian postal codes.
- Telephone numbers shall accept up to 14 alphanumeric fields including the spaces and punctuation.
- Telephone extension fields shall be five characters.
- Quantity fields shall be positive integers (less than 100,000), or zero except as explicitly noted under survey specific requirements.
- Quantity fields shall be numeric and shall not accept alphabetic characters. Dollar fields (prices, costs, sales) shall be considered quantity fields within PEDRO.

## **Import File Format and Codes**

An alternative method of entering data in the PEDRO system is to import an ASCII file. This allows data entered via other software programs to be brought into PEDRO without re-keying.

This appendix includes information useful for importing data, including:

- Import File Formats
- Cell Labels
- Product Codes
- Sample Importation Files

Additional information on file importation can be found in the "Import Data" section in this User's Guide.

### **NOTE ABOUT 2011 IMPORT FILE FORMATS**

2011 data import file formats for the EIA-812 and 813 surveys have changed; these changes are reflected in this document. The 2010 import file formats for all PEDRO Weekly Surveys are unchanged in PEDRO Version 6.7.

## EIA-14 Refiners' Monthly Cost Report

### File Format

<u>COLUMN</u>	<u>DESCRIPTION</u>
1-3	3-digit EIA survey number, always <b>014</b>
4-13	10-digit respondent ID number
14-15	2-digit month code, 01-12 (e.g., 06=June)
16-17	2-digit year code (e.g., 09=2009)
18-19	2-letter geographic code, always US
20-26	3-character cell label (always RMC) followed by 4 blanks
27-29	3-digit product code: See table below
30	1-digit PADD location: See table below
31-38	8-digit total cost in thousands of dollars
39-46	8-digit total volume in thousands of barrels

### Cell Labels

RMC                      Refiner's Monthly Cost

### Product Codes

<u>Code</u>	<u>Description</u>
050	Domestic Crude Oil
020	Imported Crude Oil

### PADD Location Codes

1	PADD I
2	PADD II
3	PADD III
4	PADD IV
5	PADD V
9	Total U.S.

### Sample Importation File

The following sample file contains data for respondent **0000001111** for the months of **October and November 2008 (1008 and 1108 respectively)**. As shown, the file may contain data for multiple respondents and multiple months. The records do not need to be in any particular order as the program will sort them into the required order before importing them into the PEDRO system. For example, the last line of data could be moved to the first line and this would not change the importation.

```
01400000011111008USRMC    050150000    400
01400000011111008USRMC    020160000    400
01400000011111008USRMC    02025000    400
01400000011111008USRMC    05025000    400
01400000011111008USRMC    05038000    200
01400000011111008USRMC    02035000    200
01400000011111008USRMC    05045000    400
```

**EIA-182**  
**Domestic Crude Oil First Purchase Report**

**File Format**

<u>COLUMN</u>	<u>DESCRIPTION</u>
1-3	3-digit EIA survey number, always <b>182</b>
4-13	10-digit respondent ID number
14-15	2-digit month code, 01-12 (e.g., 06=June)
16-17	2-digit year code (e.g., 09=2009)
18-19	2-character State/Production Area code
20-26	4-character cell label (always DCFP followed by 3 blanks)
27-29	3-digit product code, always 050
30-37	8-digit average dollars per barrel
38-45	8-digit total volume in actual barrels

**Cell Label**

DCFP                Domestic Crude Oil First Purchases

**Product Code**

050                Domestic Crude Oil

**Sample Importation File**

The following sample file contains data for respondent **0000001111** for the month of **October 2008 (1008)**. As shown, the file may contain data for multiple respondents and multiple months. The records do not need to be in any particular system order as the program will sort them into the required order before importing them into the PEDRO system. For example, the last line of data could be moved to the first line and this would not change the importation.

```
18200000011111008ALDCFP    05050000  400
18200000011111008ANDCFP    05060000  400
18200000011111008DEDCFP    05050000  400
18200000011111008OKDCFP    05050000  400
18200000011111008ALDCFP    05050000  400
18200000011111008AKDCFP    05060000  400
18200000011111008ANDCFP    05050000  400
18200000011111008CADCFP    05050000  400
18200000011111008MNDCFP    05050000  400
18200000011111008MODCFP    05050000  400
18200000011111008LADCFP    05050000  400
18200000011111008TXDCFP    05050000  400
```



**EIA-782A**  
**Refiners'/Gas Plant Operators' Monthly Petroleum Product Sales Report**

**File Format**

<u>COLUMN</u>	<u>DESCRIPTION</u>
1-3	3-digit EIA survey number, always <b>782</b>
4-13	10-digit respondent ID number
14-15	2-digit month code, 01-12 (e.g., 06=June)
16-17	2-digit year code (e.g., 09=2009)
18-19	2-letter State code
20-23	4-character cell label, EIA-782A=PPSA, EIA-782B=PPSB
24-26	3-character sales code
27-29	3-digit product code
30-37	8-digit sales volume in 1000 gallons
38-41	4-digit sales price in \$0.000 per gallon

**Cell Labels**

<u>Code</u>	<u>Description</u>
DTW	Dealer Tank Wagon
RAC	Rack
BLK	Bulk
RES	Residential
COM	Commercial/Institutional
IND	Industrial
OUT	Company-Operated Outlets
OTH	Other End-Users
PTR	Petrochemical
RLT	Retail
WSL	Wholesale

**Product Codes**

<u>Code</u>	<u>Description</u>
111	Aviation Gasoline (Finished)
153	Reformulated Regular Motor Gasoline
154	Reformulated Midgrade Motor Gasoline
155	Reformulated Premium Motor Gasoline
159	Conventional Regular Motor Gasoline
160	Conventional Midgrade Motor Gasoline
161	Conventional Premium Motor Gasoline
213	Kerosene-Type Jet Fuel
311	Kerosene
467	No.1 Distillate
468	No. 2 Diesel Fuel > 15 ppm to 500 ppm (incl.) Sulfur
469	No. 2 Diesel Fuel > 500 ppm Sulfur
470	No. 2 Fuel Oil
471	No. 4 Fuel
472	No. 2 Diesel Fuel ≤ 15 ppm Sulfur
501	Residual Fuel Oil ≤ 1% Sulfur

510     Residual Fuel Oil > 1% Sulfur  
624     Propane, Consumer Grade

### Sample Importation File

The following sample file contains data for respondent **0000001111** for the month of **October 2008 (1008)**. As shown, the file may contain data for multiple respondents and multiple months. The records do not need to be in any particular order as the program will sort them into the required order before importing them into the PEDRO system. For example, the last line of data could be moved to the first line and this would not change the importation.

78200000011111008MDPPSAOTH153	22221110
78200000011111008MDPPSADTW153	3333 888
78200000011111008MDPPSARES468	444441100
78200000011111008MDPPSACOM468	55550777
78200000011111008MDPPSAIND468	66661120
78200000011111008VAPPSAOUT468	8001170
78200000011111008VAPPSAOTH468	15001100
78200000011111008VAPPSAWSL468	30001250
78200000011111008MDPPSAWSL468	15001200
78200000011111008MDPPSAWSL469	7001000
78200000011111008MDPPSARTL311	10001150
78200000011111008MDPPSAWSL311	5001080
78200000011111008MDPPSARTL111	3000 999
78200000011111008MDPPSAWSL111	7001180
78200000011111008MDPPSARTL213	4001170
78200000011111008VAPPSAWSL471	20001250
78200000011111008VAPPSARTL501	15001100
78200000011111008VAPPSAWSL510	30001350
78200000011111008VAPPSAPTR624	8001180

**EIA-782B**  
**Resellers'/Retailers' Monthly Petroleum Product Sales Report**

**File Format**

<u>COLUMN</u>	<u>DESCRIPTION</u>
1-3	3-digit EIA survey number, always <b>782</b>
4-13	10-digit respondent ID number
14-15	2-digit month code, 01-12 (e.g., 06=June)
16-17	2-digit year code (e.g., 09=2009)
18-19	2-letter State code
20-23	4-character cell label, EIA-782A=PPSA, EIA-782B=PPSB
24-26	3-character sales code
27-29	3-digit product code
30-37	8-digit sales volume in 1000 gallons
38-41	4-digit sales price in \$0.000 per gallon

**Cell Labels**

<u>Code</u>	<u>Description</u>
DTW	Dealer Tank Wagon
RAC	Rack
BLK	Bulk
RES	Residential
COM	Commercial/Institutional
IND	Industrial
OUT	Company-Operated Outlets
OTH	Other End-Users
PTR	Petrochemical
RLT	Retail
WSL	Wholesale

**Product Codes**

<u>Code</u>	<u>Description</u>
153	Reformulated Regular Motor Gasoline
154	Reformulated Midgrade Motor Gasoline
155	Reformulated Premium Motor Gasoline
159	Conventional Regular Motor Gasoline
160	Conventional Midgrade Motor Gasoline
161	Conventional Premium Motor Gasoline
472	No. 2 Diesel Fuel $\leq$ 15 ppm Sulfur
468	No. 2 Diesel Fuel $>$ 15 ppm to 500 ppm (incl.) Sulfur
469	No. 2 Diesel Fuel $>$ 500 ppm Sulfur
470	No. 2 Fuel Oil
624	Propane, Consumer Grade
501	Residual Fuel Oil $\leq$ 1% Sulfur
510	Residual Fuel Oil $>$ 1% Sulfur

## Sample Importation File

The following sample file contains data for respondent **0000001111** for the month of **October 2008 (1008)**. As shown, the file may contain data for multiple respondents and multiple months. The records do not need to be in any particular order as the program will sort them into the required order before importing them into the PEDRO system. For example, the last line of data could be moved to the first line and this would not change the importation.

78200000011111008MDPPSBDTW153	2222	110
78200000011111008MDPPSBRES468	3333	888
78200000011111008MDPPSBCOM46814445544	100	
78200000011111008MDPPSBIND468	5555	777
78200000011111008VAPPSBOUT468	6666	120
78200000011111008VAPPSBWSL468	800	170
78200000011111008MDPPSBOUT15515681500	950	
78200000011111008MDPPSBOTH155	3000	250
78200000011111008MDPPSBRAC155	1508	200
78200000011111008MDPPSBWSL501	700	800
78200000011111008MDPPSBRTL501	1000	150
78200000011111008MDPPSBWSL510	500	080
78200000011111008MDPPSBRTL510	3007	999
78200000011111008VAPPSBWSL50126580200	180	
78200000011111008VAPPSBRTL501	400	170
78200000011111008VAPPSBWSL510	2003	250
78200000011111008VAPPSBRTL510	1500	880
78200000011111008VAPPSBWSL510	3000	350
78200000011111008VAPPSBPTR624	889	180

## EIA-782C

### Monthly Report of Prime Supplier Sales of Petroleum Products Sold for Local Consumption

#### File Format

<u>COLUMN</u>	<u>DESCRIPTION</u>
1-3	3-digit EIA survey number, always <b>782</b>
4-13	10-digit respondent ID number
14-15	2-digit month code, 01-12 (e.g., 06=June)
16-17	2-digit year code (e.g., 09=2009)
18-19	2-letter State code
20-26	4-character cell label, (always PRSC) followed by 3 blanks
27-29	3-digit product code
30-37	8-digit actual sales in thousands of gallons

#### Cell Labels

PPSC Petroleum Products Sold into States for Consumption

#### Product Codes

<u>Code</u>	<u>Description</u>
111	Aviation Gasoline (Finished)
153	Reformulated Regular Motor Gasoline
154	Reformulated Midgrade Motor Gasoline
155	Reformulated Premium Motor Gasoline
159	Conventional Regular Motor Gasoline
160	Conventional Midgrade Motor Gasoline
161	Conventional Premium Motor Gasoline
211	Naphtha-Type Jet Fuel
213	Kerosene-Type Jet Fuel
311	Kerosene
467	No. 1 Distillate
468	No. 2 Diesel Fuel > 15 ppm to 500 ppm (incl.) Sulfur
469	No. 2 Diesel Fuel > 500 ppm Sulfur
470	No. 2 Fuel Oil
471	No. 4 Fuel
472	No. 2 Diesel Fuel $\leq$ 15 ppm Sulfur
501	Residual Fuel Oil $\leq$ 1% Sulfur
510	Residual Fuel Oil > 1% Sulfur
624	Propane, Consumer Grade

## Sample Importation File

The following sample file contains data for respondent **0000001111** for the month of **October 2008 (1008)**. As shown, the file may contain data for multiple respondents and multiple months. The records do not need to be in any particular order as the program will sort them into the required order before importing them into the PEDRO system. For example, the last line of data could be moved to the first line and this would not change the importation.

78200000011111008MDPPSC	15311221200
78200000011111008MDPPSC	15410501100
78200000011111008MDPPSC	15520001500
78200000011111008MDPPSC	15611001000
78200000011111008MDPPSC	157 500000
78200000011111008MDPPSC	311 2000200
78200000011111008VAPPSC	111 8001700
78200000011111008VAPPSC	213 1501000
78200000011111008VAPPSC	21130002500
78200000011111008TNPPSC	15315002000
78200000011111008TNPPSC	15470354800
78200000011111008TNPPSC	15510015009
78200000011111008TNPPSC	15621445008
78200000011111008TNPPSC	157 30008
78200000011111008TXPPSC	311 7002
78200000011111008TXPPSC	111 4008
78200000011111008TXPPSC	213 20001
78200000011111008TXPPSC	211 15000
78200000011111008TXPPSC	501 30006
78200000011111008TXPPSC	510 8005

**EIA-800  
Weekly Refinery Report**

**Edit Criteria**

Listed below are the Edit Criteria for the EIA-800.

<b>Survey</b>	<b>Rule Code</b>	<b>Error Message</b>
800	ADA	Address line cannot be blank.
800	ADC	City cannot be blank.
800	ADN	Company Name cannot be blank.
800	ADN	Zip cannot be blank.
800	ADS	Invalid State Code.
800	ADS	State cannot be blank.
800	CGZ	Zero Error: if Crude Inputs (050) are zero when Gross Inputs (990) are non zero.
800	CIR	Crude Inputs Range Error. Crude Inputs (050) should be within 10% of gross inputs.
800	CIR	Crude Inputs Range Error. Crude Inputs (050) should be within 10% of gross inputs.
800	CIR	Gross Inputs Range Error. Gross Inputs (990) should be between 50% and 110% of Total Inputs (001).
800	CIZ	Zero Error: Crude Inputs (050) is non zero and Gross Inputs (990) is zero.
800	GIZ	Zero Error: Gross Inputs (990) is non-zero when Total Inputs (001) is zero.
800	TIZ	Zero Error. The sum of Refinery Net Production for all products is negative and Total Inputs (001) are non-zero.
800	TPR	Total Production of all products is inconsistent with Total Inputs.
800	TPZ	Zero Error: The sum of Refinery Net Production for all products is non zero when Total inputs (001) is zero.
800	TQE	Subtotal Error. Total Net Kerosene-Type Jet Fuel Production (213) should equal the sum of Commercial (217) and Military (218) Production.

## File Format

The Import Data option of the Survey Utilities Menu imports data from an ASCII (text) file to the PEDRO database for the EIA-800 Survey.

<u>COLUMN</u>	<u>DESCRIPTION</u>
1-3	3-digit EIA form number: <b>800</b>
4-13	10-digit respondent ID number
14-15	2-digit month code, 01-12 (06=June, etc.)
16-17	2-digit year code (09=2009, etc.)
18-19	2-digit day code 1-31 (10=tenth, etc.)
20-26	4-character cell label followed by 3 blanks
27-29	3-digit product code
30-34	5-digit quantity in thousands of barrels

## Cell Labels

### Refinery and Fractionator Activity

INPT	Input
GPRO	Net Production
ESTO	Stocks

## Product Codes

### Inputs

990	Gross Input to Atmospheric Crude Oil Distillation Units
001	Total Inputs

### Crude Oil

050	Crude Oil
-----	-----------

### Natural Gas Plant Liquids (NGPL) and Liquefied Refinery Gases (LRG)

242	Natural Gas Plant Liquids (NGPL) and Liquefied Refinery Gases (LRG)
246	Propane/Propylene

### Unfinished Oils

812	Unfinished Oils
-----	-----------------

### Ethanol

141	Fuel Ethanol
-----	--------------

### Finished Motor Gasoline

125	Reformulated (Blended with Alcohol)
127	Reformulated (Other)
166	Conventional, Blended with Fuel Ethanol, Ed55 and Lower
149	Conventional, Blended with Fuel Ethanol, Greater than Ed44
130	Conventional (Other)

### Motor Gasoline Blending Components

118	Reformulated Blendstock for Oxygenate Blending (RBOB)
139	Conventional Blendstock for Oxygenate Blending (CBOB)
117	Gasoline Treated as Blendstock (GTAB)
138	All Other Motor Gasoline Blending Components



Kerosene

311 Kerosene

Kerosene-Type Jet Fuel

213 Kerosene-Type Jet Fuel

217 Commercial

218 Military

Distillate Fuel Oil

465 15 ppm sulfur and under

466 Greater than 15 ppm sulfur to 500 ppm sulfur (incl.)

467 Greater than 500 ppm sulfur

Residual Fuel Oil

511 Residual Fuel Oil

Asphalt and Road Oil

931 Asphalt and Road Oil

**Sample Importation File**

The following sample file contains data for respondent **000000800** for the week of **April 23, 2010 (010810)**. The file may contain data for multiple respondents and multiple weeks. The records do not need to be in any particular order as the program will sort them into the required order before importing them into the PEDRO system. For example, the last line of data could be moved to the first line and this would not change the importation.

```
000000800041023INPT 050 275
000000800041023ESTO 050 500
000000800041023GPRO 141 812
```

**EIA-801**  
**Weekly Bulk Terminal Report**

**Edit Criteria**

Listed below are the Edit Criteria for the EIA-801.

<b>Survey</b>	<b>Rule Code</b>	<b>Error Message</b>
801	ADA	Address line cannot be blank.
801	ADC	City cannot be blank.
801	ADN	Company Name cannot be blank.
801	ADN	Zip cannot be blank.
801	ADS	Invalid State Code.
801	ADS	State cannot be blank.
801	TCS	Line Imbalance. The U.S. Total (999) for All Other Motor Gasoline Blending Components (138) must equal the sum of the PADD values.
801	TCS	Line Imbalance. The U.S. Total (999) for Asphalt and Road Oil (931) must equal the sum of the PADD values.
801	TCS	Line Imbalance. The U.S. Total (999) for Conventional (Other) Finished Motor Gasoline (130) must equal the sum of the PADD values.
801	TCS	Line Imbalance. The U.S. Total (999) for Conventional Blendstock for Oxygenate Blending (CBOB) (139) must equal the sum of the PADD values.
801	TCS	Line Imbalance. The U.S. Total (999) for Distillate Fuel Oil: 15 ppm sulfur and under (465) must equal the sum of the PADD values.
801	TCS	Line Imbalance. The U.S. Total (999) for Distillate Fuel Oil: Greater than 15 ppm to 500 ppm sulfur (incl.) (466) must equal the sum of the PADD values.
801	TCS	Line Imbalance. The U.S. Total (999) for Distillate Fuel Oil: Greater than 500 ppm sulfur (467) must equal the sum of the PADD values.
801	TCS	Line Imbalance. The U.S. Total (999) for Finished Motor Gasoline: Conventional, Blended with Fuel Ethanol - Ed55 and Lower (166) must equal the sum of the PADD values.
801	TCS	Line Imbalance. The U.S. Total (999) for Finished Motor Gasoline: Conventional, Blended with Fuel Ethanol - Greater than Ed55 (149) must equal the sum of the PADD values.
801	TCS	Line Imbalance. The U.S. Total (999) for Fuel Ethanol (141) must equal the sum of the PADD values.
801	TCS	Line Imbalance. The U.S. Total (999) for Gasoline Treated as Blendstock (GTAB) (117) must equal the sum of the PADD values.
801	TCS	Line Imbalance. The U.S. Total (999) for Kerosene (311) must equal the sum of the PADD values.
801	TCS	Line Imbalance. The U.S. Total (999) for Kerosene-Type Jet Fuel (213) must equal the sum of the PADD values.

Survey	Rule Code	Error Message
801	TCS	Line Imbalance. The U.S. Total (999) for Propane/Propylene (246) must equal the sum of the PADD values.
801	TCS	Line Imbalance. The U.S. Total (999) for Propylene (Nonfuel Use) (624) must equal the sum of the PADD values.
801	TCS	Line Imbalance. The U.S. Total (999) for Reformulated Blendstock for Oxygenate Blending (RBOB) (118) must equal the sum of the PADD values.
801	TCS	Line Imbalance. The U.S. Total (999) for Reformulated Finished Motor Gasoline, Blended with Fuel Ethanol (125) must equal the sum of the PADD values.
801	TCS	Line Imbalance. The U.S. Total (999) for Reformulated Finished Motor Gasoline, Other (127) must equal the sum of the PADD values.
801	TCS	Line Imbalance. The U.S. Total (999) for Residual Fuel Oil (511) must equal the sum of the PADD values.

## File Format

The Import Data option of the Survey Utilities Menu imports data from an ASCII (text) file to the PEDRO database for the EIA-801 Survey.

<u>COLUMN</u>	<u>DESCRIPTION</u>
1-3	3-digit EIA form number: <b>801</b>
4-13	10-digit respondent ID number
14-15	2-digit month code, 01-12 (06=June, etc.)
16-17	2-digit year code (09=2009, etc.)
18-19	2-digit day code 1-31 (10 = tenth, etc.)
20-26	7-character cell label
27-29	3-digit product code
30-34	5-digit quantity in thousands of barrels

## Cell Labels

ESTO110	Stocks of Products in PADD 1A
ESTO120	Stocks of Products in PADD 1B
ESTO130	Stocks of Products in PADD 1C
ESTO200	Stocks of Products in PADD 2
ESTO300	Stocks of Products in PADD 3
ESTO400	Stocks of Products in PADD 4
ESTO500	Stocks of Products in PADD 5
ESTO999	Total Stocks of Product

## Product Codes

### Natural Gas Plant Liquids (NGPL) and Liquefied Refinery Gases (LRG)

242 Natural Gas Plant Liquids (NGPL) and Liquefied Refinery Gases (LRG)

### Propane/Propylene

246 Propane/Propylene  
624 Propylene (Nonfuel Use)

Ethanol

141 Fuel Ethanol

Finished Motor Gasoline

125 Reformulated (Blended with Alcohol)  
127 Reformulated (Other)  
166 Conventional, Blended with Fuel Ethanol, Ed55 and Lower  
149 Conventional, Blended with Fuel Ethanol, Greater than Ed44  
130 Conventional (Other)

Motor Gasoline Blending Components

118 Reformulated Blendstock for Oxygenate Blending (RBOB)  
139 Conventional Blendstock for Oxygenate Blending (CBOB)  
117 Gasoline Treated as Blendstock (GTAB)  
138 All Other Motor Gasoline Blending Components

Kerosene

311 Kerosene  
213 Kerosene-Type Jet Fuel

Distillate Fuel Oil

465 15 ppm sulfur and under  
466 Greater than 15 ppm sulfur to 500 ppm sulfur (incl.)  
467 Greater than 500 ppm sulfur

Residual Fuel Oil

511 Residual Fuel Oil

Asphalt and Road Oil

931 Asphalt and Road Oil

**Sample Importation File**

The following sample file contains data for respondent **0000000801** for the week of **April 23, 2010 (010810)**. The file may contain data for multiple respondents and multiple weeks. The records do not need to be in any particular order as the program will sort them into the required order before importing them into the PEDRO system. For example, the last line of data could be moved to the first line and this would not change the importation.

```
8010000000801041023ESTO110242450
8010000000801041023ESTO120139451
8010000000801041023ESTO130118452
```

**EIA-802**  
**Weekly Product Pipeline Report**

**Edit Criteria**

Listed below are the Edit Criteria for the EIA-802.

<b>Survey</b>	<b>Rule Code</b>	<b>Error Message</b>
802	ADA	Address line cannot be blank.
802	ADC	City cannot be blank.
802	ADN	Company Name cannot be blank.
802	ADN	Zip cannot be blank.
802	ADS	Invalid State code.
802	ADS	State cannot be blank.
802	TCS	Line Imbalance. The U.S. Total (999) for All Other Motor Gasoline Blending Components (138) must equal the sum of the PADD values.
802	TCS	Line Imbalance. The U.S. Total (999) for Distillate Fuel Oil: 15 ppm sulfur and under (465) must equal the sum of the PADD values.
802	TCS	Line Imbalance. The U.S. Total (999) for Distillate Fuel Oil: Greater than 15 ppm sulfur to 500 ppm sulfur (incl.) (466) must equal the sum of the PADD values.
802	TCS	Line Imbalance. The U.S. Total (999) for Distillate Fuel Oil: Greater than 500 ppm sulfur (467) must equal the sum of the PADD values.
802	TCS	Line Imbalance. The U.S. Total (999) for Finished Motor Gasoline, Conventional, Blended with Fuel Ethanol - Ed55 and Lower (166) must equal the sum of the PADD values.
802	TCS	Line Imbalance. The U.S. Total (999) for Finished Motor Gasoline, Conventional, Blended with Fuel Ethanol - Greater than Ed55 (149) must equal the sum of the PADD values.
802	TCS	Line Imbalance. The U.S. Total (999) for Finished Motor Gasoline, Conventional, Other (130) must equal the sum of the PADD values.
802	TCS	Line Imbalance. The U.S. Total (999) for Finished Motor Gasoline, Reformulated, Blended with Fuel Ethanol (125) must equal the sum of the PADD values.
802	TCS	Line Imbalance. The U.S. Total (999) for Finished Motor Gasoline, Reformulated, Other (127) must equal the sum of the PADD values.
802	TCS	Line Imbalance. The U.S. Total (999) for Fuel Ethanol (141) must equal the sum of the PADD values.
802	TCS	Line Imbalance. The U.S. Total (999) for Gasoline Treated as Blendstock (GTAB) (117) must equal the sum of the PADD values.
802	TCS	Line Imbalance. The U.S. Total (999) for Kerosene (311) must equal the sum of the PADD values.
802	TCS	Line Imbalance. The U.S. Total (999) for Kerosene-Type Jet Fuel (213) must equal the sum of the PADD values.

Survey	Rule Code	Error Message
802	TCS	Line Imbalance. The U.S. Total (999) for Motor Gasoline Blending Components: Conventional Blendstock for Oxygenate Blending (CBOB) (139) must equal the sum of the PADD values.
802	TCS	Line Imbalance. The U.S. Total (999) for Motor Gasoline Blending Components: Reformulated Blendstock for Oxygenate Blending (RBOB) (118) must equal the sum of the PADD values.
802	TCS	Line Imbalance. The U.S. Total (999) for Natural Gas Plant Liquids (NGPL) and Liquefied Refinery Gases (LRG) (242) must equal the sum of the PADD values.
802	TCS	Line Imbalance. The U.S. Total (999) for Propane/Propylene (246) must equal the sum of the PADD values.

## File Format

The Import Data option of the Survey Utilities Menu imports data from an ASCII (text) file to the PEDRO database for the EIA-802 Survey.

<u>COLUMN</u>	<u>DESCRIPTION</u>
1-3	3-digit EIA form number: <b>802</b>
4-13	10-digit respondent ID number
14-15	2-digit month code, 01-12 (06=June, etc.)
16-17	2-digit year code (09=2009, etc.)
18-19	2-digit day code 1-31 (10 = tenth, etc.)
20-26	7-character cell label
27-29	3-digit product code
30-35	6-digit quantity in thousands of barrels

## Cell Labels

ESTO110	Stocks of Products in PADD 1A
ESTO120	Stocks of Products in PADD 1B
ESTO130	Stocks of Products in PADD 1C
ESTO200	Stocks of Products in PADD 2
ESTO300	Stocks of Products in PADD 3
ESTO400	Stocks of Products in PADD 4
ESTO500	Stocks of Products in PADD 5
ESTO999	Total Stocks of Product
VOLU999	Total Volume of 15 ppm sulfur and under diesel fuel downgraded during week (thousand barrels)

## Product Codes

### Natural Gas Plant Liquids (NGPL) and Liquefied Refinery Gases (LRG)

242 Natural Gas Plant Liquids (NGPL) and Liquefied Refinery Gases (LRG)

### Propane/Propylene

246 Propane/Propylene

### Ethanol

141 Fuel Ethanol

#### Finished Motor Gasoline

125	Reformulated (Blended with Alcohol)
127	Reformulated (Other)
166	Conventional, Blended with Fuel Ethanol, Ed55 and Lower
149	Conventional, Blended with Fuel Ethanol, Greater than Ed44
130	Conventional (Other)

#### Motor Gasoline Blending Components

118	Reformulated Blendstock for Oxygenate Blending (RBOB)
139	Conventional Blendstock for Oxygenate Blending (CBOB)
117	Gasoline Treated as Blendstock (GTAB)
138	All Other Motor Gasoline Blending Components

#### Kerosene

213	Kerosene-Type Jet Fuel
311	Kerosene

#### Distillate Fuel Oil

465	15 ppm sulfur and under
466	Greater than 15 ppm sulfur to 500 ppm sulfur (incl.)
467	Greater than 500 ppm sulfur

#### Diesel Fuel Oil

466	Total Volume of 15 ppm sulfur and under diesel fuel downgraded during week (thousand barrels)
-----	---

#### **Sample Importation File**

The following sample file contains data for respondent **0000000802** for the week of **April 23, 2010**. The file may contain data for multiple respondents and multiple weeks. The records do not need to be in any particular order as the program will sort them into the required order before importing them into the PEDRO system. For example, the last line of data could be moved to the first line and this would not change the importation.

```
8020000000802041023ESTO110166450
8020000000802041023ESTO120213451
8020000000802041023ESTO130141452
```

**EIA-803**  
**Weekly Crude Oil Stocks Report**

**Edit Criteria**

Listed below are the Edit Criteria for the EIA-803.

<b>Survey</b>	<b>Rule Code</b>	<b>Error Message</b>
802	ADA	Address line cannot be blank.
802	ADC	City cannot be blank.
802	ADN	Company Name cannot be blank.
802	ADN	Zip cannot be blank.
802	ADS	Invalid State code.
802	ADS	State cannot be blank.
802	TCS	Line Imbalance. The U.S. Total (999) for All Other Motor Gasoline Blending Components (138) must equal the sum of the PADD values.
802	TCS	Line Imbalance. The U.S. Total (999) for Distillate Fuel Oil: 15 ppm sulfur and under (465) must equal the sum of the PADD values.
802	TCS	Line Imbalance. The U.S. Total (999) for Distillate Fuel Oil: Greater than 15 ppm sulfur to 500 ppm sulfur (incl.) (466) must equal the sum of the PADD values.
802	TCS	Line Imbalance. The U.S. Total (999) for Distillate Fuel Oil: Greater than 500 ppm sulfur (467) must equal the sum of the PADD values.
802	TCS	Line Imbalance. The U.S. Total (999) for Finished Motor Gasoline, Conventional, Blended with Fuel Ethanol - Ed55 and Lower (166) must equal the sum of the PADD values.
802	TCS	Line Imbalance. The U.S. Total (999) for Finished Motor Gasoline, Conventional, Blended with Fuel Ethanol - Greater than Ed55 (149) must equal the sum of the PADD values.
802	TCS	Line Imbalance. The U.S. Total (999) for Finished Motor Gasoline, Conventional, Other (130) must equal the sum of the PADD values.
802	TCS	Line Imbalance. The U.S. Total (999) for Finished Motor Gasoline, Reformulated, Blended with Fuel Ethanol (125) must equal the sum of the PADD values.
802	TCS	Line Imbalance. The U.S. Total (999) for Finished Motor Gasoline, Reformulated, Other (127) must equal the sum of the PADD values.
802	TCS	Line Imbalance. The U.S. Total (999) for Fuel Ethanol (141) must equal the sum of the PADD values.
802	TCS	Line Imbalance. The U.S. Total (999) for Gasoline Treated as Blendstock (GTAB) (117) must equal the sum of the PADD values.
802	TCS	Line Imbalance. The U.S. Total (999) for Kerosene (311) must equal the sum of the PADD values.
802	TCS	Line Imbalance. The U.S. Total (999) for Kerosene-Type Jet Fuel (213) must equal the sum of the PADD values.



Survey	Rule Code	Error Message
802	TCS	Line Imbalance. The U.S. Total (999) for Motor Gasoline Blending Components: Conventional Blendstock for Oxygenate Blending (CBOB) (139) must equal the sum of the PADD values.
802	TCS	Line Imbalance. The U.S. Total (999) for Motor Gasoline Blending Components: Reformulated Blendstock for Oxygenate Blending (RBOB) (118) must equal the sum of the PADD values.
802	TCS	Line Imbalance. The U.S. Total (999) for Natural Gas Plant Liquids (NGPL) and Liquefied Refinery Gases (LRG) (242) must equal the sum of the PADD values.
802	TCS	Line Imbalance. The U.S. Total (999) for Propane/Propylene (246) must equal the sum of the PADD values.

## File Format

The Import Data option of the Survey Utilities Menu imports data from an ASCII (text) file to the PEDRO database for the EIA-803 Survey.

<u>COLUMN</u>	<u>DESCRIPTION</u>
1-3	3-digit EIA form number: <b>803</b>
4-13	10-digit respondent ID number
14-15	2-digit month code, 01-12 (06=June, etc.)
16-17	2-digit year code (09=2009, etc.)
18-19	2-digit day 1-31 (10 = tenth, etc.)
20-26	7-character cell label
27-29	3-digit product code
30-35	6-digit quantity in thousands of barrels

## Cell Labels

ESTO100	Stocks of Products in PADD 1
ESTO200	Stocks of Products in PADD 2
ESTO300	Stocks of Products in PADD 3
ESTO400	Stocks of Products in PADD 4
ESTO500	Stocks of Products in PADD 5
ESTO999	Total Stocks of Product

## Product Codes

<u>Crude Oil</u>	
050	Crude Oil
053	Cushing, Oklahoma
092	Alaskan Crude Oil in Transit by Water

### Sample Importation File

The following sample file contains data for respondent **0000000803** for the week of **April 23, 2010**. The file may contain data for multiple respondents and multiple weeks. The records do not need to be in any particular order as the program will sort them into the required order before importing them into the PEDRO system. For example, the last line of data could be moved to the first line and this would not change the importation.

```
8030000000803041023ESTO100050150  
8030000000803041023ESTO999092151  
8030000000803041023ESTO200053152
```

**EIA-804**  
**Weekly Imports Report**

**Edit Criteria**

The following are the Edit Criteria for the EIA-804.

<b>Survey</b>	<b>Rule Code</b>	<b>Error Message</b>
804	ADA	Address line cannot be blank.
804	ADC	City cannot be blank.
804	ADN	Company Name cannot be blank.
804	ADN	Zip cannot be blank.
804	ADS	Invalid State code.
804	ADS	State cannot be blank.
804	TCS	Line Imbalance. The U.S. Total (999) for All Other Motor Gasoline Blending Components (138) must equal the sum of the PADD values.
804	TCS	Line Imbalance. The U.S. Total (999) for Conventional Blendstock for Oxygenate Blending (CBOB) (139) must equal the sum of the PADD values.
804	TCS	Line Imbalance. The U.S. Total (999) for Crude Oil (020) must equal the sum of the PADD values.
804	TCS	Line Imbalance. The U.S. Total (999) for Crude Oil for Delivery to U.S. Strategic Petroleum Reserve (024) must equal the sum of the PADD values.
804	TCS	Line Imbalance. The U.S. Total (999) for Crude Oil for Natural Gas Plant Liquids (NGPL) and Liquefied Refinery Gases (LRG) (242) must equal the sum of the PADD values.
804	TCS	Line Imbalance. The U.S. Total (999) for Crude Oil for Propane/Propylene (246) must equal the sum of the PADD values.
804	TCS	Line Imbalance. The U.S. Total (999) for Distillate Fuel Oil: 15 ppm sulfur and under (465) must equal the sum of the PADD values.
804	TCS	Line Imbalance. The U.S. Total (999) for Distillate Fuel Oil: Greater than 15 ppm sulfur (incl.) (466) must equal the sum of the PADD values.
804	TCS	Line Imbalance. The U.S. Total (999) for Distillate Fuel Oil: Greater than 2000 ppm sulfur (468) must equal the sum of the PADD values.
804	TCS	Line Imbalance. The U.S. Total (999) for Distillate Fuel Oil: Greater than 500 ppm to 2000 ppm sulfur (incl.) (467) must equal the sum of the PADD values.
804	TCS	Line Imbalance. The U.S. Total (999) for Finished Motor Gasoline: Conventional, Other (130) must equal the sum of the PADD values.
804	TCS	Line Imbalance. The U.S. Total (999) for Finished Motor Gasoline: Ed55 and Lower (166) must equal the sum of the PADD values.
804	TCS	Line Imbalance. The U.S. Total (999) for Finished Motor Gasoline: Greater than Ed55 (149) must equal the sum of the

Survey	Rule Code	Error Message
		PADD values.
804	TCS	Line Imbalance. The U.S. Total (999) for Finished Motor Gasoline: Reformulated, Blended with Fuel Ethanol (125) must equal the sum of the PADD values.
804	TCS	Line Imbalance. The U.S. Total (999) for Finished Motor Gasoline: Reformulated, Other (127) must equal the sum of the PADD values.
804	TCS	Line Imbalance. The U.S. Total (999) for Fuel Ethanol (141) must equal the sum of the PADD values.
804	TCS	Line Imbalance. The U.S. Total (999) for Kerosene (311) must equal the sum of the PADD values.
804	TCS	Line Imbalance. The U.S. Total (999) for Kerosene-Type Jet Fuel (213) must equal the sum of the PADD values.
804	TCS	Line Imbalance. The U.S. Total (999) for Motor Gasoline Blending Components: Gasoline Treated as Blendstock (117) must equal the sum of the PADD values.
804	TCS	Line Imbalance. The U.S. Total (999) for Other Petroleum Products (666) must equal the sum of the PADD values.
804	TCS	Line Imbalance. The U.S. Total (999) for Reformulated Blendstock for Oxygenate Blending (RBOB) (118) must equal the sum of the PADD values.
804	TCS	Line Imbalance. The U.S. Total (999) for Residual Fuel Oil (511) must equal the sum of the PADD values.
804	TCS	Total Imbalance. The U.S. Total (999) Imports Activity for Crude Oil (020) must equal the sum of Crude Oil Imports by Country of Origin.

## File Format

The Import Data option of the Survey Utilities Menu imports data from an ASCII (text) file to the PEDRO database for the EIA-804 Survey.

<u>COLUMN</u>	<u>DESCRIPTION</u>
1-3	3-digit EIA form number: <b>804</b>
4-13	10-digit respondent ID number
14-15	2-digit month code: 01-12 (06=June, etc.)
16-17	2-digit year code (09=2009, etc.)
18-19	2-digit day code 1-31 (10 = tenth, etc.)
20-26	7-character cell label
27-29	3 character product code
30-34	5-digit quantity in thousands of barrels

## Cell Labels

IMPO110	Imports of Products into PADD 1A
IMPO120	Imports of Products into PADD 1B
IMPO130	Imports of Products into PADD 1C
IMPO200	Imports of Products into PADD 2
IMPO300	Imports of Products into PADD 3
IMPO400	Imports of Products into PADD 4

IMPO500	Imports of Products into PADD 5
IMPO999	Total Imports for a Product
IMPC125	Imports from Algeria
IMPC145	Imports from Angola
IMPC150	Imports from Argentina
IMPC160	Imports from Australia
IMPC115	Imports from Azerbaijan
IMPC220	Imports from Brazil
IMPC260	Imports from Canada
IMPC257	Imports from Cameroon
IMPC273	Imports from Chad
IMPC280	Imports from China, P.R.
IMPC285	Imports from Colombia
IMPC290	Imports from Rep. of Congo
IMPC325	Imports from Ecuador
IMPC332	Imports from Equatorial Guinea
IMPC388	Imports from Gabon
IMPC415	Imports from Guatemala
IMPC458	Imports from Indonesia
IMPC460	Imports from Iran
IMPC465	Imports from Iraq
IMPC520	Imports from Kuwait
IMPC550	Imports from Libya
IMPC595	Imports from Mexico
IMPC670	Imports from Nigeria
IMPC685	Imports from Norway
IMPC616	Imports from Oman
IMPC805	Imports from Russia
IMPC785	Imports from Saudi Arabia
IMPC875	Imports from Thailand
IMPC887	Imports from Trinidad
IMPC925	Imports from United Kingdom
IMPC940	Imports from Venezuela
IMPC945	Imports from Vietnam
IMPC777	Imports from Other Countries

## Product Codes

### Crude Oil

020	Crude Oil
024	Crude Oil for Delivery to U.S. Strategic Petroleum Reserve

### Natural Gas Plant Liquids (NGPL) and Liquefied Refinery Gases (LRG)

242	Natural Gas Plant Liquids (NGPL) and Liquefied Refinery Gases (LRG)
-----	---

### Propane/Propylene

246	Propane/Propylene
-----	-------------------

### Ethanol

141	Fuel Ethanol
-----	--------------

### Finished Motor Gasoline

125	Reformulated (Blended with Alcohol)
127	Reformulated (Other)
166	Conventional, Blended with Fuel Ethanol, Ed55 and Lower

149	Conventional, Blended with Fuel Ethanol, Greater than Ed44
130	Conventional (Other)

Motor Gasoline Blending Components

118	Reformulated Blendstock for Oxygenate Blending (RBOB)
139	Conventional Blendstock for Oxygenate Blending (CBOB)
117	Gasoline Treated as Blendstock (GTAB)
138	All Other Motor Gasoline Blending Components

Kerosene

213	Kerosene-Type Jet Fuel
311	Kerosene

Distillate Fuel Oil

465	15 ppm sulfur and under
466	Greater than 15 ppm sulfur to 500 ppm sulfur (incl.)
467	Greater than 500 ppm sulfur to 2000 ppm sulfur (incl.)
468	Greater than 200 ppm sulfur

Residual Fuel Oil

511	Residual Fuel Oil
-----	-------------------

Other Petroleum Imports

666	Other Petroleum Imports
-----	-------------------------

**Sample Importation File**

The following sample file contains data for respondent **0000000804** for the week of **April 23, 2010**. The file may contain data for multiple respondents and multiple weeks. The records do not need to be in any particular order as the program will sort them into the required order before importing them into the PEDRO system. For example, the last line of data could be moved to the first and this would not change the importation.

```
8040000000804041023IMPO110020 2110
8040000000804041023IMPC415      2120
8040000000804041023IMPO130020 2130
```

**EIA-805**  
**Weekly Terminal Blenders Report**

**Edit Criteria**

Listed below are the Edit Criteria for the EIA-805.

<b>Survey</b>	<b>Rule Code</b>	<b>Error Message</b>
805	ADA	Address line cannot be blank.
805	ADC	City cannot be blank.
805	ADN	Company Name cannot be blank.
805	ADN	Zip cannot be blank.
805	ADS	Invalid State Code.
805	ADS	State cannot be blank.

**File Format**

The Import Data option of the Survey Utilities Menu imports data from an ASCII (text) file to the PEDRO database for the EIA-805 Survey.

<u>COLUMN</u>	<u>DESCRIPTION</u>
1-3	3-digit EIA form number: <b>805</b>
4-13	10-digit respondent ID number
14-15	2-digit month code, 01-12 (06=June, etc.)
16-17	2-digit year code (09=2009, etc.)
18-19	2-digit day code 1-31 (10 = tenth, etc.)
20-23	4-character cell label
24-26	3-digit product code
27-31	5-digit quantity in thousands of barrels

**Cell Labels**

INPT	Inputs
NPRO	Production
ESTO	Stocks

**Product Codes**

003 Input of Oxygenates, Liquefied Petroleum Gases, and Pentanes Plus

Natural Gas Plant Liquids (NGPL) and Liquefied Refinery Gases (LRG)

242 Natural Gas Plant Liquids (NGPL) and Liquefied Refinery Gases (LRG)

Ethanol

141 Fuel Ethanol

Finished Motor Gasoline

125 Reformulated (Blended with Alcohol)  
 127 Reformulated (Other)  
 166 Conventional, Blended with Fuel Ethanol, Ed55 and Lower  
 149 Conventional, Blended with Fuel Ethanol, Greater than Ed44  
 130 Conventional (Other)

Motor Gasoline Blending Components

118	Reformulated Blendstock for Oxygenate Blending (RBOB)
139	Conventional Blendstock for Oxygenate Blending (CBOB)
117	Gasoline Treated as Blendstock (GTAB)
138	All Other Motor Gasoline Blending Components

Kerosene

213	Kerosene-Type Jet Fuel
311	Kerosene

Distillate Fuel Oil

465	15 ppm sulfur and under
466	Greater than 15 ppm sulfur to 500 ppm sulfur (incl.)
467	Greater than 500 ppm sulfur
999	Total

**Sample Importation File**

The following sample file contains data for respondent **0000000805** for the week of **January 1, 2010**. The file may contain data for multiple respondents and multiple weeks. The records do not need to be in any particular order as the program will sort them into the required order before importing them into the PEDRO system. For example, the last line of data could be moved to the first line and this would not change the importation.

8050000000805011001INPT0031  
8050000000805011001NPRO125300  
8050000000805011001NPRO141500



**EIA-809**  
**Weekly Oxygenate Report**

**Edit Criteria**

Listed below are the Edit Criteria for the EIA-809.

<b>Survey</b>	<b>Rule Code</b>	<b>Error Message</b>
809	ADA	Address line cannot be blank.
809	ADC	City cannot be blank.
809	ADN	Company Name cannot be blank.
809	ADN	Zip cannot be blank.
809	ADS	Invalid State code.
809	ADS	State cannot be blank.

**File Format**

The Import Data option of the Survey Utilities Menu imports data from an ASCII (text) file to the PEDRO database for the EIA-809 Survey.

<u>COLUMN</u>	<u>DESCRIPTION</u>
1-3	3-digit EIA form number: <b>809</b>
4-13	10-digit respondent ID number
14-15	2-digit month code, 01-12 (06=June, etc.)
16-17	2-digit year code (09=2009, etc.)
18-19	2-digit day code 1-31 (10 = tenth, etc.)
20-23	4-character cell label
24-26	3-digit product code
27-31	5-digit quantity in thousands of barrels

**Cell Labels**

ESTO	Ending Stocks
NPRO	Production

**Product Codes**

<u>Oxygenates Activity</u>	
190	Fuel Ethanol, Denatured
191	Fuel Ethanol, Udenatured

**Sample Importation File**

The following sample file contains data for respondent **0000000809** for the week of **December 17, 2010**. The file may contain data for multiple respondents and multiple weeks. The records do not need to be in any particular order as the program will sort them into the required order before importing them into the PEDRO system. For example, the last line of data could be moved to the first line and this would not change the importation.

```
8090000000809121017NPRO19010
8090000000809121017NPRO19130
8090000000809121017ESTO19020
8090000000809121017ESTO19140
```

**EIA-810  
Monthly Refinery Report**

**Edit Criteria**

The following are the Edit Criteria for the EIA-810.

<b>Survey</b>	<b>Rule Code</b>	<b>Error Message</b>
810	ADA	Address line cannot be blank.
810	ADC	City cannot be blank.
810	ADN	Company Name cannot be blank.
810	ADN	Zip cannot be blank.
810	ADS	Invalid State code.
810	ADS	State cannot be blank.
810	CLI	Line Imbalance. For Asphalt and Road Oil (931), Ending Stocks should equal Beginning Stocks + Receipts - Inputs + Production - Shipments - Use Loss.
810	CLI	Line Imbalance. For Aviation Gasoline Blending Components (112), Ending Stocks should equal Beginning Stocks + Receipts - Inputs + Production - Shipments - Use Loss.
810	CLI	Line Imbalance. For Catalyst Petroleum Coke (022), Fuel Use and Losses should equal Production.
810	CLI	Line Imbalance. For Crude Oil (050), Ending Stocks should equal Beginning Stocks + Receipts - Inputs - Shipments - Use Loss.
810	CLI	Line Imbalance. For Ethane/Ethylene, TOTAL (108), Ending Stocks should equal Beginning Stocks + Receipts - Inputs + Production - Shipments - Use Loss.
810	CLI	Line Imbalance. For Finished Aviation Gasoline (111), Ending Stocks should equal Beginning Stocks + Receipts - Inputs + Production - Shipments - Use Loss.
810	CLI	Line Imbalance. For Isobutane/Isobutylene, TOTAL (245), Ending Stocks should equal Beginning Stocks + Receipts - Inputs - Shipments - Use Loss.
810	CLI	Line Imbalance. For Isobutane/Isobutylene, TOTAL (245), Ending Stocks should equal Beginning Stocks + Receipts - Inputs + Production - Shipments - Use Loss.
810	CLI	Line Imbalance. For Kerosene (311), Ending Stocks should equal Beginning Stocks + Receipts - Inputs + Production - Shipments - Use Loss.
810	CLI	Line Imbalance. For Marketable Petroleum Coke (021), Ending Stocks should equal Beginning Stocks + Receipts - Inputs + Production - Shipments - Use Loss.
810	CLI	Line Imbalance. For Misc. Fuel Use Products (098), Ending Stocks should equal Beginning Stocks + Receipts - Inputs + Production - Shipments - Use Loss.
810	CLI	Line Imbalance. For Misc. Fuel Use Products (098), Ending Stocks should equal Beginning Stocks + Receipts - Inputs + Production - Shipments - Use Loss.
810	CLI	Line Imbalance. For Misc. Non-Fuel Use Products (097), Ending Stocks should equal Beginning Stocks + Receipts - Inputs + Production - Shipments - Use Loss.
810	CLI	Line Imbalance. For Misc. Non-Fuel Use Products (097), Ending Stocks should equal Beginning Stocks + Receipts - Inputs + Production - Shipments - Use Loss.

Survey	Rule Code	Error Message
810	CLI	Line Imbalance. For Naphtha Petrochemical Feedstocks (822), Ending Stocks should equal Beginning Stocks + Receipts - Inputs + Production - Shipments - Use Loss.
810	CLI	Line Imbalance. For Normal Butane/Butylene, TOTAL (244), Ending Stocks should equal Beginning Stocks + Receipts - Inputs - Shipments - Use Loss.
810	CLI	Line Imbalance. For Normal Butane/Butylene, TOTAL (244), Ending Stocks should equal Beginning Stocks + Receipts - Inputs + Production - Shipments - Use Loss.
810	CLI	Line Imbalance. For Other Oil-type Petrochemical Feedstocks (824), Ending Stocks should equal Beginning Stocks + Receipts - Inputs + Production - Shipments - Use Loss.
810	CLI	Line Imbalance. For Other Oil-type Petrochemical Feedstocks (824), Ending Stocks should equal Beginning Stocks + Receipts - Inputs + Production - Shipments - Use Loss.
810	CLI	Line Imbalance. For Pentanes Plus (220), Ending Stocks should equal Beginning Stocks + Receipts - Inputs - Shipments - Use Loss.
810	CLI	Line Imbalance. For Propane/Propylene, TOTAL (246), Ending Stocks should equal Beginning Stocks + Receipts - Inputs + Production - Shipments - Use Loss.
810	CLI	Line Imbalance. For Special Naphthas (051), Ending Stocks should equal Beginning Stocks + Receipts - Inputs + Production - Shipments - Use Loss.
810	CLI	Line Imbalance. For Still Gas (045), Production should equal Receipts - Inputs - Shipments - Use Loss.
810	CLI	Line Imbalance. For Total Distillate Fuel Oil (411), Ending Stocks should equal Beginning Stocks + Receipts - Inputs + Production - Shipments - Use Loss.
810	CLI	Line Imbalance. For Total Kerosene-Type Jet Fuel (213), Ending Stocks should equal Beginning Stocks + Receipts - Inputs + Production - Shipments - Use Loss.
810	CLI	Line Imbalance. For Total Lubricants (854), Ending Stocks should equal Beginning Stocks + Receipts - Inputs + Production - Shipments - Use Loss.
810	CLI	Line Imbalance. For Total Other Hydrocarbons (093), Ending Stocks should equal Beginning Stocks + Receipts - Inputs - Shipments - Use Loss.
810	CLI	Line Imbalance. For Total Residual Fuel Oil (511), Ending Stocks should equal Beginning Stocks + Receipts - Inputs + Production - Shipments - Use Loss.
810	CLI	Line Imbalance. For Wax (070), Ending Stocks should equal Beginning Stocks + Receipts - Inputs + Production - Shipments - Use Loss.
810	CLI	Subtotal Error. Ending Stocks of Total Unfinished Oils (812), must equal the sum of its subordinate products (820, 830, 840, 850).
810	CLI	Subtotal Error. Inputs of Total Unfinished Oils (812), must equal the sum of its subordinate products (820, 830, 840, 850).
810	CLI	Subtotal Error. Production of Total Unfinished Oils (812), must equal the sum of its subordinate products (820, 830, 840, 850).
810	CLI	Total Imbalance. Total (999) Inputs should equal Total (999) Production.
810	CU1	Crude Oil Capacity Utilization Rate (codes 990 and 401) is greater than 120%.
810	GAL	Both Processing Gain (911 Inputs) and Processing Losses (911 Production) were reported. Report only one, as appropriate.
810	GLG	Processing Gain (911 Input) should be less than or equal to 10% of the sum of Crude Inputs (050) and net Unfinished Oils Inputs (812 inputs less 812 production).

Survey	Rule Code	Error Message
810	GLG	Processing Loss (911 Input) should be less than or equal to 10% of the sum of Crude Inputs (050) and net Unfinished Oils Inputs (812 inputs less 812 production).
810	I>T	Gross inputs greater than total inputs - n
810	INC	Inputs to Dist. units (990) reported yet no Operable Capacity (401) reported.
810	P>T	Part greater than total. Inputs of Butylene (633) cannot exceed Inputs of Normal Butane/Butylene, TOTAL (244).
810	P>T	Part greater than total. Inputs of Ethylene (631) cannot exceed Inputs of Ethane/Ethylene, TOTAL (108).
810	P>T	Part greater than total. Inputs of Isobutylene (634) cannot exceed Inputs of Isobutane/Isobutylene, TOTAL (245).
810	P>T	Part greater than total. Inputs of Propylene (632) cannot exceed Inputs of Propane/Propylene, TOTAL (246).
810	P>T	Part greater than total. Production of Butylene (633) cannot exceed Production of Normal Butane/Butylene, TOTAL (244).
810	P>T	Part greater than total. Production of Ethylene (631) cannot exceed Production of Ethane/Ethylene, TOTAL (108).
810	P>T	Part greater than total. Production of Isobutylene (634) cannot exceed Production of Isobutane/Isobutylene, TOTAL (245).
810	P>T	Part greater than total. Production of Propylene (632) cannot exceed Production of Propane/Propylene, TOTAL (246).
810	P>T	Receipts of Alaskan Crude Oil (011) is greater than Domestic Crude Oil (010). The value for Alaskan Crude should be included in the Domestic Crude Oil value.
810	RCG	Invalid value for API Gravity at Inputs (040).
810	RCG	Invalid value for API Gravity at Receipts (030).
810	RCS	Invalid value for Sulfur Content at Inputs (040).
810	RCS	Invalid value for Sulfur Content at Inputs (040).
810	RCS	Invalid value for Sulfur Content at Receipts (030).
810	SGI	API Gravity for Crude Oil Inputs (040) cannot be reported if Crude Oil Receipts (050) and Crude Oil Inputs (050) is zero.
810	SGI	API Gravity for Crude Oil Receipts (030) cannot be reported if Crude Oil Receipts (050) and Crude Oil Inputs (050) is zero.
810	SGI	API Gravity not reported for Inputs (040), yet Sulfur was reported. You must report both or neither.
810	SGI	API Gravity not reported for Receipts (030), yet Sulfur was reported. You must report both or neither.
810	SGI	API Gravity not reported; yet Crude Receipts and Inputs (050) reported.
810	SGI	API Gravity values were reported for 030 and 040. Report only one.
810	SGI	Sulfur Content for Crude Oil Inputs (040) cannot be reported if Crude Oil Receipts (050) and Crude Oil Inputs (050) is zero.
810	SGI	Sulfur Content for Crude Oil Receipts (030) cannot be reported if Crude Oil Receipts (050) and Crude Oil Inputs (050) is zero.
810	SGI	Sulfur Content not reported; yet Crude Receipts and Inputs (050) reported.
810	SGI	Sulfur Content or API Gravity (030) not reported for Crude Receipts (050).
810	SGI	Sulfur Content or API Gravity (040) not reported for Crude Inputs (050).
810	SGI	Sulfur not reported for Inputs (040), yet API Gravity was reported. You must report both or neither.
810	SGI	Sulfur not reported for Receipts (030), yet API Gravity was reported. You must report both or neither.
810	SGI	Sulfur values were reported for 030 and 040. Report only one.

Survey	Rule Code	Error Message
810	TQE	Subtotal Error. Inputs of Total Oxygenates (446), must equal the sum of its subordinate products (142, 144, 445).
810	TQE	Subtotal Error. Inputs of Total Renewable Fuels (202), must equal the sum of its subordinate products (141, 203, 205, 207).
810	TQE	Subtotal Error. Production of Renewable Fuels (202), must equal the sum of its subordinate products (141, 203, 205, 207).
810	TQE	Subtotal Error. Receipts of Crude Oil (050) should equal the total of Domestic (010) and Foreign (020) Crude Oil.
810	TQE	Subtotal Error. Total Ending Stocks of Distillate Fuel Oil (411) must equal the sum of Ending Stocks of 15 ppm sulfur and under (465), Greater than 15 ppm to 500 ppm sulfur (incl) (466), and Greater than 500 ppm sulfur (467).
810	TQE	Subtotal Error. Total Ending Stocks of Residual Fuel Oil (511) must equal the sum of Ending Stocks of Low (508), Medium (509) and High-Sulfur (510) Residual Fuel Oils.
810	TQE	Subtotal Error. Total Inputs of Distillate Fuel Oil (411) must equal the sum of Inputs of 15 ppm sulfur and under (465), Greater than 15 ppm to 500 ppm sulfur (incl) (466), and Greater than 500 ppm sulfur (467).
810	TQE	Subtotal Error. Total Inputs of Kerosene-Type Jet Fuel (213) must equal the sum of Inputs of Commercial (217) and Military (218) Jet Fuels.
810	TQE	Subtotal Error. Total Inputs of Lubricants (854) must equal the sum of Inputs of Naphthenic (852) and Paraffinic (853) Lubricants.
810	TQE	Subtotal Error. Total Inputs of Residual Fuel Oil (511) must equal the sum of Inputs of Low (508), Medium (509) and High-Sulfur (510) Residual Fuel Oils.
810	TQE	Subtotal Error. Total Production of Distillate Fuel Oil (411) must equal the sum of Production of 15 ppm sulfur and under (465), Greater than 15 ppm to 500 ppm sulfur (incl) (466), and Greater than 500 ppm sulfur (467).
810	TQE	Subtotal Error. Total Production of Kerosene-Type Jet Fuel (213) must equal the sum of Production of Commercial (217) and Military (218) Jet Fuels.
810	TQE	Subtotal Error. Total Production of Lubricants (854) must equal the sum of Production of Naphthenic (852) and Paraffinic (853) Lubricants.
810	TQE	Subtotal Error. Total Production of Residual Fuel Oil (511) must equal the sum of Production of Low (508), Medium (509) and High-Sulfur (510) Residual Fuel Oils.
810	TQE	Total Error. (Codes 399 plus 400 should equal 401).
810	TQE	Total Error. Total (999) Inputs does not equal the sum of all Inputs, including Processing Gain (911).
810	TQE	Total Error. Total (999) Production does not equal the sum of all Production including Production Loss (911).

## File Format

The Import Data option of the Survey Utilities Menu imports data from an ASCII (text) file to the PEDRO database for the EIA-810 Survey.

<u>COLUMN</u>	<u>DESCRIPTION</u>
1-3	3-digit EIA form number: <b>810</b>
4-13	10-digit respondent ID number
14-15	2-digit month code: 01-12 (06=June, etc.)
16-17	2-digit year code (09=2009, etc.)
18-19	blank
20-23	4-character cell label
27-29	3-digit product code
30-34	5-digit quantity in thousands of barrels, unless otherwise specified
30-35	6-digit quantity for <b>Product Codes</b> 399, 400, and 401

## Cell Labels

### Section 3 & 4 - Refinery Input and Capacity; Sulfur Content – API Gravity

INPT	Gross or Fresh Feed input - <b>Product Codes</b> 990, 491, 492, and 493
CAPA	Operating, Idle, or Total Operable Capacity - <b>Product Codes</b> 399, 400, and 401
RECS	Weighted Average Sulfur Content Receipts - <b>Product Code</b> 030. Value must contain the decimal
RECA	Weighted Average API Gravity Receipts - <b>Product Code</b> 030. Value must contain the decimal
INPS	Weighted Average Sulfur Content Inputs - <b>Product Code</b> 040. Value must contain the decimal
INPA	Weighted Average API Gravity Inputs - <b>Product Code</b> 040. Value must contain the decimal

### Section 5 - Refinery Operations

BSTO	Stocks Beginning of Month
GREC	Receipts During Month
INPT	Inputs During Month
PROD	Production During Month
SHIP	Shipments During Month
USEL	Refinery Fuel Use and Losses During Month
ESTO	Stocks End of Month

### Section 6 – Refinery Storage Capacity

RSCI	Shell Idle Refinery Storage Capacity
RSCO	Shell In Operation Refinery Storage Capacity
RSCT	Shell Total Refinery Storage Capacity
RSCW	Working Refinery Storage Capacity

## Product Codes

### Section 3 - Refinery Input and Capacity

990 Gross Input to Atmospheric Crude Oil Distillation Units

#### Fresh Feed Input to Downstream Processing Units

490 Catalytic Reformer  
491 Catalytic Cracking Units  
492 Catalytic Hydrocracking Units  
493 Delayed and Fluid Coking Units

#### Operable Capacity of Atmospheric Crude Oil Distillation Units

399 Operating  
400 Idle  
401 Total Operable

### Section 4 - Sulfur Content and API Gravity of Crude Oil

030 Receipts  
040 Inputs

### Section 5 - Refinery Operations

#### Crude Oil (including lease condensate)

050 Crude Oil Total  
010 Domestic Crude Oil (including Alaskan)  
011 Alaskan Crude Oil  
020 Foreign Crude Oil

#### Other Hydrocarbons, Hydrogen and Oxygenates

091 Hydrogen  
093 Other Hydrocarbons  
202 Hydrogen, Renewable Fuels (Including Fuel Ethanol) TOTAL  
091 Hydrogen  
141 Fuel Ethanol  
203 Biomass-Based Diesel Fuel  
205 Other Renewable Diesel Fuel  
207 Other Renewable Fuels  
446 Oxygenates (excluding Fuel Ethanol), TOTAL  
142 Ethyl tertiary butyl ether (ETBE)  
144 Methyl tertiary butyl ether (MTBE)  
445 Other Oxygenates

#### Natural Gas Plant Liquids (NGPL) and Liquefied Refinery Gases (LRG)

108 Ethane/Ethylene, Total  
641 Ethane - LRG  
631 Ethylene  
246 Propane/Propylene, Total  
642 Propane – LRG  
632 Propylene  
244 Normal Butane/Butylene, Total  
249 Normal Butane – NGPL  
643 Normal Butane – LRG  
633 Butylene

245	Isobutane/Isobutylene, Total
247	Isobutane - NGPL
644	Isobutane - LRG
634	Isobutylene
220	Pentanes Plus

#### Unfinished Oils

812	Unfinished Oils, Total
820	Naphthas and Lighter
830	Kerosene and Light Gas Oils
840	Heavy Gas Oils
850	Residuum

#### Finished Motor Gasoline

125	Reformulated (Blended with Fuel Ethanol)
127	Reformulated (Other)
166	Conventional, Blended with Fuel Ethanol, Ed55 and Lower
149	Conventional, Blended with Fuel Ethanol, Greater than Ed44
130	Conventional (Other)

#### Motor Gasoline Blending Components

118	Reformulated Blendstock for Oxygenate Blending (RBOB)
139	Conventional Blendstock for Oxygenate Blending (CBOB)
117	Gasoline Treated as Blendstock (GTAB)
138	All Other Motor Gasoline Blending Components

#### Aviation Gasoline

111	Finished Aviation
112	Blending Components

#### Special Naphthas

051	Special Naphthas (Solvents)
-----	-----------------------------

#### Jet Fuel

213	Kerosene-Type, Total
217	Commercial, Kerosene- Type
218	Military, Kerosene-Type

#### Kerosene

311	Kerosene
-----	----------

#### Distillate Fuel Oil

411	Distillate Fuel Oil
465	15 ppm sulfur and under
466	Greater than 15 ppm to 500 ppm sulfur (incl.)
467	Greater than 500 ppm sulfur

#### Residual Fuel Oil

511	Residual Fuel Oil, Total
508	Under 0.31% Sulfur
509	0.31% to 1.00% Sulfur (incl.)
510	Over 1.00% Sulfur

#### Lubricants



854	Lubricants, Total
852	Naphthenic
853	Paraffinic

Asphalt and Road Oil

931	Asphalt and Road Oil
-----	----------------------

Wax

070	Wax
-----	-----

Petroleum Coke

021	Petroleum Coke, Marketable
022	Petroleum Coke, Catalyst

Still Gas

045	Still Gas
-----	-----------

Petrochemical Feedstocks

822	Naphtha < 401° F End-Point
824	Other Oils ≥ 401° F End-Point

Miscellaneous Products

097	Non-Fuel Use
098	Fuel Use

Inputs (Gain) or Production (Loss)

911	Inputs or Production
-----	----------------------

Total

999	Total
-----	-------

**Section 6 - Refinery Storage Capacity**

Crude Oil

050	Crude Oil
-----	-----------

Fuel Ethanol

141	Fuel Ethanol
-----	--------------

Natural Gas Plant Liquids and Liquefied Refinery Gases

242	Natural Gas Plant Liquids and Liquefied Refinery Gases
246	Propane/Propylene (dedicated)

Motor Gasoline (including Blending Components)

131	Motor Gasoline (including Blending Components)
-----	--

Distillate Fuel Oil

411	Distillate Fuel Oil
-----	---------------------

Kerosene and Kerosene-Type Jet Fuel

308	Kerosene and Kerosene-Type Jet Fuel
-----	-------------------------------------

Residual Fuel Oil

511	Residual Fuel Oil
-----	-------------------

Asphalt and Road Oil  
931                      Asphalt and Road Oil

All Other Fuel Types  
332                      All Other

Total  
999                      Total

### Sample Importation File

The following sample file contains data for respondent **111111111** for the month of **April**. The file may contain data for multiple respondents and multiple months. The records do not need to be in any particular order as the program will sort them into the required order before importing them into the PEDRO system. For example, the last line of data could be moved to the first line and this would not change the importation.

81011111111110410	CAPA	3991
81011111111110410	CAPA	4002
81011111111110410	CAPA	4013
81011111111110410	INPT	0214
81011111111110410	INPT	0455
81011111111110410	INPT	0506
81011111111110410	INPT	0517
81011111111110410	INPT	0708
81011111111110410	INPT	0919
81011111111110410	INPT	09310
81011111111110410	INPT	09711
81011111111110410	INPT	09812
81011111111110410	INPT	10813
81011111111110410	INPT	11114
81011111111110410	INPT	11215
81011111111110410	INPT	11716
81011111111110410	INPT	11817
81011111111110410	INPT	12518
81011111111110410	INPT	31141
81011111111110410	INPT	41142
81011111111110410	INPT	44543
81011111111110410	INPT	44644
81011111111110410	INPT	46545
81011111111110410	INPT	46646
81011111111110410	INPT	46747
81011111111110410	INPT	49048
81011111111110410	INPT	49149
81011111111110410	INPT	49250
81011111111110410	INPT	49351

**EIA-811**  
**Monthly Bulk Terminal Report**

**Edit Criteria**

The following are the Edit Criteria for the EIA-811.

<b>Survey</b>	<b>Rule Code</b>	<b>Error Message</b>
811	ADA	Address line cannot be blank.
811	ADC	City cannot be blank.
811	ADN	Company Name cannot be blank.
811	ADN	Zip cannot be blank.
811	ADS	Invalid State code.
811	ADS	State cannot be blank.
811	TQE	Total Quantity Error. The U.S. Total for All Other Motor Gasoline Blending Components (138) must equal the sum of values for reported states.
811	TQE	Total Quantity Error. The U.S. Total for Asphalt and Road Oil (931) must equal the sum of values for reported states.
811	TQE	Total Quantity Error. The U.S. Total for Conventional (Blended with Alcohol) (128) must equal the sum of values for reported states.
811	TQE	Total Quantity Error. The U.S. Total for Conventional (Other ) (130) must equal the sum of values for reported states.
811	TQE	Total Quantity Error. The U.S. Total for Conventional Blendstock for Oxygenate Blending (CBOB) (139) must equal the sum of values for reported states.
811	TQE	Total Quantity Error. The U.S. Total for Distillate Fuel Oil: 15 ppm sulfur and under (465) must equal the sum of values for reported states.
811	TQE	Total Quantity Error. The U.S. Total for Distillate Fuel Oil: Greater than 15 ppm sulfur to 500 ppm sulfur (incl.) (466) must equal the sum of values for reported states.
811	TQE	Total Quantity Error. The U.S. Total for Distillate Fuel Oil: Greater than 500 ppm sulfur (467) must equal the sum of values for reported states.
811	TQE	Total Quantity Error. The U.S. Total for Ethane/Ethylene (110) must equal the sum of values for reported states.
811	TQE	Total Quantity Error. The U.S. Total for Ethylene (631) must equal the sum of values for reported states.
811	TQE	Total Quantity Error. The U.S. Total for Finished Aviation Gasoline (111) must equal the sum of values for reported states.
811	TQE	Total Quantity Error. The U.S. Total for Gasoline Treated as Blendstock (GTAB): Conventional (121) must equal the sum of values for reported states.
811	TQE	Total Quantity Error. The U.S. Total for Gasoline Treated as Blendstock (GTAB): Reformulated (120) must equal the sum of values for reported states.

Survey	Rule Code	Error Message
811	TQE	Total Quantity Error. The U.S. Total for Kerosene-Type Jet Fuel (213) must equal the sum of values for reported states.
811	TQE	Total Quantity Error. The U.S. Total for Lubricants (854) must equal the sum of values for reported states.
811	TQE	Total Quantity Error. The U.S. Total for Miscellaneous Products (888) must equal the sum of values for reported states.
811	TQE	Total Quantity Error. The U.S. Total for Normal Butane/Butylene (232) must equal the sum of values for reported states.
811	TQE	Total Quantity Error. The U.S. Total for Oxygenates: All Other Oxygenates (445) must equal the sum of values for reported states.
811	TQE	Total Quantity Error. The U.S. Total for Oxygenates: Ethyl Tertiary Butyl Ether (ETBE) (142) must equal the sum of values for reported states.
811	TQE	Total Quantity Error. The U.S. Total for Oxygenates: Fuel Ethanol (FE) (141) must equal the sum of values for reported states.
811	TQE	Total Quantity Error. The U.S. Total for Oxygenates: Methyl Tertiary Butyl Ether (MTBE) (144) must equal the sum of values for reported states.
811	TQE	Total Quantity Error. The U.S. Total for Pentanes Plus (220) must equal the sum of values for reported states.
811	TQE	Total Quantity Error. The U.S. Total for Propane/Propylene (231) must equal the sum of values for reported states.
811	TQE	Total Quantity Error. The U.S. Total for Propylene (624) must equal the sum of values for reported states.
811	TQE	Total Quantity Error. The U.S. Total for Refinery-Grade Butane (235) must equal the sum of values for reported states.
811	TQE	Total Quantity Error. The U.S. Total for Reformulated (Blended with Alcohol) (125) must equal the sum of values for reported states.
811	TQE	Total Quantity Error. The U.S. Total for Reformulated (Blended with Ether) (124) must equal the sum of values for reported states.
811	TQE	Total Quantity Error. The U.S. Total for Reformulated (Non-Oxygenated) (126) must equal the sum of values for reported states.
811	TQE	Total Quantity Error. The U.S. Total for Reformulated Blendstock for Oxygenate Blending (RBOB) for Blending with Alcohol (123) must equal the sum of values for reported states.

Survey	Rule Code	Error Message
811	TQE	Total Quantity Error. The U.S. Total for Reformulated Blendstock for Oxygenate Blending (RBOB) for Blending with Ether (122) must equal the sum of values for reported states.
811	TQE	Total Quantity Error. The U.S. Total for Residual Fuel Oil: 0.31% to 1.00% sulfur (incl.) (509) must equal the sum of values for reported states.
811	TQE	Total Quantity Error. The U.S. Total for Residual Fuel Oil: Over 1.00% sulfur (510) must equal the sum of values for reported states.
811	TQE	Total Quantity Error. The U.S. Total for Residual Fuel Oil: Under 0.31% sulfur (508) must equal the sum of values for reported states.
811	TQE	Total Quantity Error. The U.S. Total for Special Naphthas (Solvents) (051) must equal the sum of values for reported states.
811	TQE	Total Quantity Error. The U.S. Total for Unfinished Oils: Heavy Gas Oils (840) must equal the sum of values for reported states.
811	TQE	Total Quantity Error. The U.S. Total for Unfinished Oils: Kerosene and Lighter Gas Oils (830) must equal the sum of values for reported states.
811	TQE	Total Quantity Error. The U.S. Total for Unfinished Oils: Naphthas and Lighter (820) must equal the sum of values for reported states.
811	TQE	Total Quantity Error. The U.S. Total for Unfinished Oils: Residuum (850) must equal the sum of values for reported states.

## File Format

The Import Data option of the Survey Utilities Menu imports data from an ASCII (text) file to the PEDRO database for the EIA-811 Survey.

<u>COLUMN</u>	<u>DESCRIPTION</u>
1-3	3-digit EIA form number : <b>811</b>
4-13	10-digit respondent ID number
14-15	2-digit month code : 01-12 (06=June, etc.)
16-17	2-digit year code (09=2009, etc.)
20-23	4-character cell label
24-26	3-character location code for or 2 character state code followed by 1 blank
27-29	3-digit product code
30-34	5-digit quantity in thousands of barrels

## Cell Labels

### Section 1 through 5-Bulk Terminal

ESTO                Stocks End of Month

### Location Codes

101 PADD 1: Volume of 15 ppm sulfur and under diesel fuel downgraded during week (thousand barrels)

102 PADD 2: Volume of 15 ppm sulfur and under diesel fuel downgraded during week (thousand barrels)

103 PADD 3: Volume of 15 ppm sulfur and under diesel fuel downgraded during week (thousand barrels)

104 PADD 4: Volume of 15 ppm sulfur and under diesel fuel downgraded during week (thousand barrels)

105 PADD 5: Volume of 15 ppm sulfur and under diesel fuel downgraded during week (thousand barrels)

106 TOTAL U.S.: Volume of 15 ppm sulfur and under diesel fuel downgraded during week (thousand barrels)

### Product Codes

#### Finished Motor Gasoline

124	Reformulated (Blended with Ether)
125	Reformulated (Blended with Alcohol)
126	Reformulated (Non-Oxygenated)
128	Conventional (Blended with Alcohol)
130	Conventional (Other)
111	Finished Aviation Gasoline
051	Special Napthas (Solvents)
311	Kerosene

#### Motor Gasoline Blending Components

122	Reformulated Blendstock for Oxygenate Blending (RBOB) for Blending with Ether
123	Reformulated Blendstock for Oxygenate Blending (RBOB) for Blending with Alcohol
139	Conventional Blendstock for Oxygenate Blending (CBOB)

#### Gasoline Treated as Blendstock (GTAB)

120	Reformulated
121	Conventional
138	All Other Motor Gasoline Blending Components

#### Finished Aviation Gasoline

111	Finished Aviation Gasoline
-----	----------------------------

#### Special Napthas

051	Special Napthas
-----	-----------------

#### Kerosene

311	Kerosene
213	Kerosene-Type Jet Fuel

#### Distillate Fuel Oil

465	15 ppm sulfur and under
466	Greater than 15 ppm sulfur to 500 ppm sulfur (incl.)
467	Greater than 500 ppm sulfur
854	Lubricants, Total
931	Asphalt and Road Oil
888	Miscellaneous Products

#### Residual Fuel Oil

508	Under 0.31% Sulfur
509	0.31% to 1.00% Sulfur (incl.)
510	Over 1.00% Sulfur
220	Pentanes Plus

#### Liquefied Petroleum and Refinery Gases

110	Ethane/Ethylene
631	Ethylene
231	Propane/Propylene
624	Propylene (nonfuel use)
232	Normal Butane/Butylene
235	Refinery-Grade Butane
233	Isobutane/Isobutylene

#### Renewable Fuels

141	Fuel Ethanol
203	Biomass-Based Diesel Fuel
205	Other Renewable Diesel Fuel
207	Other Renewable Fuels

#### Oxygenates

142	Ethyl tertiary butyl ether (ETBE)
144	Methyl tertiary butyl ether (MTBE)
445	All Other Oxygenates

#### Unfinished Oils

820	Naphthas and Lighter
830	Kerosene and Lighter Gas Oils
840	Heavy Gas Oils
850	Residuum

#### Diesel Fuel Oil

466	Volume of 15 ppm sulfur and under diesel fuel downgraded during week (thousand barrels)
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### **Sample Importation File**

The following sample file contains data for respondent **0000000811** for the month of **April 2010**. The file may contain data for multiple respondents and multiple months. The records do not need to be in any particular order as the program will sort them into the required order before importing them into the PEDRO system. For example, the last line of data could be moved to the first line and this would not change the importation.

```
811000000008110409  ESTOAL 311416
```

**EIA-812**  
**Monthly Product Pipeline Report**

**Edit Criteria**

The following are the Edit Criteria for the EIA-812.

<b>Survey</b>	<b>Rule Code</b>	<b>Error Message</b>
812	ADA	Address line cannot be blank.
812	ADC	City cannot be blank.
812	ADN	Company Name cannot be blank.
812	ADN	Zip cannot be blank.
812	ADS	Invalid State code.
812	ADS	State cannot be blank.
812	CLI	Total quantity error. The Total Stocks (999) for PADD 1A (110) must equal the sum of the individual products.
812	CLI	Total quantity error. The Total Stocks (999) for PADD 1B (120) must equal the sum of the individual products.
812	CLI	Total quantity error. The Total Stocks (999) for PADD 1C (130) must equal the sum of the individual products.
812	CLI	Total quantity error. The Total Stocks (999) for PADD 2 (200) must equal the sum of the individual products.
812	CLI	Total quantity error. The Total Stocks (999) for PADD 3 (300) must equal the sum of the individual products.
812	CLI	Total quantity error. The Total Stocks (999) for PADD 4 (400) must equal the sum of the individual products.
812	CLI	Total quantity error. The Total Stocks (999) for PADD 5 (500) must equal the sum of the individual products.
812	CLI	Total quantity error. The Total Stocks (Row 999) for U.S.Total (Column 999) must equal the sum of the individual products.
812	TQE	Total quantity error. The Total Movements (Row 999) from PADD 1 to PADD 2 must equal the sum of the respective movements for individual products.
812	TQE	Total quantity error. The Total Movements (Row 999) from PADD 1 to PADD 3 must equal the sum of the respective movements for individual products.
812	TQE	Total quantity error. The Total Movements (Row 999) from PADD 2 to PADD 1 must equal the sum of the respective movements for individual products.
812	TQE	Total quantity error. The Total Movements (Row 999) from PADD 2 to PADD 3 must equal the sum of the respective movements for individual products.
812	TQE	Total quantity error. The Total Movements (Row 999) from PADD 2 to PADD 4 must equal the sum of the respective movements for individual products.
812	TQE	Total quantity error. The Total Movements (Row 999) from PADD 3 to PADD 1 must equal the sum of the respective movements for individual products.
812	TQE	Total quantity error. The Total Movements (Row 999) from PADD 3 to PADD 2 must equal the sum of the respective movements for individual products.
812	TQE	Total quantity error. The Total Movements (Row 999) from PADD 3 to PADD 4 must equal the sum of the respective movements for individual



Survey	Rule Code	Error Message
		products.
812	TQE	Total quantity error. The Total Movements (Row 999) from PADD 3 to PADD 5 must equal the sum of the respective movements for individual products.
812	TQE	Total quantity error. The Total Movements (Row 999) from PADD 4 to PADD 2 must equal the sum of the respective movements for individual products.
812	TQE	Total quantity error. The Total Movements (Row 999) from PADD 4 to PADD 3 must equal the sum of the respective movements for individual products.
812	TQE	Total quantity error. The Total Movements (Row 999) from PADD 4 to PADD 5 must equal the sum of the respective movements for individual products.
812	TQE	Total quantity error. The Total Movements (Row 999) from PADD 5 to PADD 3 must equal the sum of the respective movements for individual products.
812	TQE	Total quantity error. The Total Movements (Row 999) from PADD 5 to PADD 4 must equal the sum of the respective movements for individual products.
812	TQE	Total Quantity Error. The U.S. Total (999) for ETBE (142) must equal the sum of the PADD values.
812	TQE	Total Quantity Error. The U.S. Total (999) for Ethane/Ethylene (108) must equal the sum of the PADD values.
812	TQE	Total Quantity Error. The U.S. Total (999) for Finished Aviation Gasoline (111) must equal the sum of the PADD values.
812	TQE	Total Quantity Error. The U.S. Total (999) for Fuel Ethanol (141) must equal the sum of the PADD values. New
812	TQE	Total Quantity Error. The U.S. Total (999) for Isobutane/Isobutylene (245) must equal the sum of the PADD values.
812	TQE	Total Quantity Error. The U.S. Total (999) for Kerosene (311) must equal the sum of the PADD values.
812	TQE	Total Quantity Error. The U.S. Total (999) for Kerosene-Type jet fuel (213) must equal the sum of the PADD values.
812	TQE	Total Quantity Error. The U.S. Total (999) for Miscellaneous Products (888) must equal the sum of the PADD values.
812	TQE	Total Quantity Error. The U.S. Total (999) for MTBE (144) must equal the sum of the PADD values.
812	TQE	Total Quantity Error. The U.S. Total (999) for Normal Butane/Butylene (232) must equal the sum of the PADD values.
812	TQE	Total Quantity Error. The U.S. Total (999) for Pentanes Plus (220) must equal the sum of the PADD values.
812	TQE	Total Quantity Error. The U.S. Total (999) for Propane/Propylene (246) must equal the sum of the PADD values.
812	TQE	Total Quantity Error. The U.S. Total (999) for Residual fuel Oil (511) must equal the sum of the PADD values.
812	TQE	Total Quantity Error. The U.S. Total (999) for TOTAL (999) must equal the sum of the PADD values.

## File Format

The Import Data option of the Survey Utilities Menu imports data from an ASCII (text) file to the PEDRO database for the EIA-812 Survey.

<u>COLUMN</u>	<u>DESCRIPTION</u>
1-3	3-digit EIA form number : <b>812</b>
4-13	10-digit respondent ID number
14-15	2-digit month code: 01-12 (06=June, etc.)
16-17	2-digit year code (09=2009, etc.)
18-19	blank
20-23	4-character cell label
24-26	3-character location code or shipping and receiving PADD
27-29	3-digit product code
30-34	5-digit quantity in thousands of barrels

## Cell Labels

### Part 3 – Product Pipeline Stocks

<b>CELL LABEL</b>	<b>DESCRIPTION</b>
ESTO	Stocks of Products for; PADD 1A, location code 110 PADD 1B, location code 120 PADD 1C, location code 130 PADD 2, location code 200 PADD 3, location code 300 PADD 4, location code 400 PADD 5, location code 500 U.S. Total, location code 999

### Part 4 – Diesel Fuel Downgraded

<b>CELL LABEL</b>	<b>DESCRIPTION</b>
ESTO	Volume of Ultra-Low Sulfur Diesel Fuel (15 ppm and under) downgraded during the report month for; PADD 1, location code 101 PADD 2, location code 102 PADD 3, location code 103 PADD 4, location code 104 PADD 5, location code 105 U.S. Total, location code 106

## Part 5 – Product Pipeline Movements between PAD Districts

CELL LABEL	DESCRIPTION
GMOV	Movements from; PADD 1 to PADD 2, location code 12 PADD 1 to PADD 3, location code 13 PADD 2 to PADD 1, location code 21 PADD 2 to PADD 3, location code 23 PADD 2 to PADD 4, location code 24 PADD 3 to PADD 1, location code 31 PADD 3 to PADD 2, location code 32 PADD 3 to PADD 4, location code 34 PADD 3 to PADD 5, location code 35 PADD 4 to PADD 2, location code 42 PADD 4 to PADD 3, location code 43 PADD 4 to PADD 5, location code 45 PADD 5 to PADD 3, location code 53 PADD 5 to PADD 4, location code 54

## Part 6 – Pipeline and Storage Tank Access

CELL LABEL	DESCRIPTION
ACCS	Pipeline Operation and Access Code for PADD 1A, location code 110 PADD 1B, location code 120 PADD 1C, location code 130 PADD 2, location code 200 PADD 3, location code 300 PADD 4, location code 400 PADD 5, location code 500 associated product code is 999

## Part 7 – Product Pipeline Tank Storage Capacity

CELL LABEL	DESCRIPTION
RSCW	Working Pipeline Tank Storage Capacity for, PADD 1A, location code 110 PADD 1B, location code 120 PADD 1C, location code 130 PADD 2, location code 200 PADD 3, location code 300 PADD 4, location code 400 PADD 5, location code 500 Storage Capacity Total, location code 999
RSCT	Shell Total Pipeline Tank Storage Capacity for, PADD 1A, location code 110 PADD 1B, location code 120 PADD 1C, location code 130 PADD 2, location code 200 PADD 3, location code 300 PADD 4, location code 400 PADD 5, location code 500 Storage Capacity Total, location code 999
RSCI	Idle Pipeline Tank Storage Capacity for, PADD 1A, location code 110

CELL LABEL	DESCRIPTION
	PADD 1B, location code 120 PADD 1C, location code 130 PADD 2, location code 200 PADD 3, location code 300 PADD 4, location code 400 PADD 5, location code 500 Storage Capacity Total, location code 999
RSCO	In Operation Pipeline Tank Storage Capacity for, PADD 1A, location code 110 PADD 1B, location code 120 PADD 1C, location code 130 PADD 2, location code 200 PADD 3, location code 300 PADD 4, location code 400 PADD 5, location code 500 Storage Capacity Total, location code 999

## Part 8 – Stocks in Tanks and Underground Storage

CELL LABEL	DESCRIPTION
USTO	Stocks in Tanks and Underground Storage for, PADD 1A, location code 110 PADD 1B, location code 120 PADD 1C, location code 130 PADD 2, location code 200 PADD 3, location code 300 PADD 4, location code 400 PADD 5, location code 500 Stocks in Tanks and Underground Storage Total, location code 999

## Product Codes

### Sections 3 & 5 - Stocks and Movements of Products

#### Renewable Fuels

141	Fuel Ethanol
203	Biomass-Based Diesel Fuel
205	Other Renewable Diesel Fuel
207	Other Renewable Fuels

#### Oxygenates

142	Ethyl tertiary butyl ether (ETBE)
144	Methyl tertiary butyl ether (MTBE)
445	Other Oxygenates

#### Natural Gas Plant Liquids (NGPL) and Liquefied Refinery Gases (LRG)

108	Ethane/Ethylene, Total
246	Propane/Propylene, Total
244	Normal Butane/Butylene, Total
245	Isobutane/Isobutylene, Total
220	Pentanes Plus

242	Natural Gas Plant Liquids and Liquefied Refinery Gases
411	Distillate Fuel Oil

Finished Motor Gasoline

125	Reformulated (Blended with Fuel Ethanol)
127	Reformulated (Other)

Conventional, Blended with Fuel Ethanol

166	Ed55 and Lower
149	Greater than Ed55

130	Conventional, Other
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Motor Gasoline Blending Components

118	Reformulated Blendstock for Oxygenate Blending (RBOB)
139	Conventional Blendstock for Oxygenate Blending (CBOB)
117	Gasoline Treated as Blendstock (GTAB)
138	All Other Motor Gasoline Blending Components

Aviation Gasoline

111	Finished Aviation
-----	-------------------

Jet Fuel

213	Kerosene-Type, Total
-----	----------------------

Kerosene

311	Kerosene
-----	----------

Distillate Fuel Oil

465	15 ppm sulfur and under
466	Greater than 15 ppm to 500 ppm sulfur (incl.)
467	Greater than 500 ppm sulfur

Residual Fuel Oil

511	Residual Fuel Oil, Total
-----	--------------------------

Miscellaneous Products

888	Miscellaneous Products
-----	------------------------

Total

999	Total
-----	-------

**Section 4 – Diesel Fuel**

Diesel Fuel Downgraded

466	Total Volume of 15 ppm sulfur and under diesel fuel downgraded during week (thousand barrels)
-----	---

**Section 6 – Pipeline and Storage Tank Access**

Pipeline and Storage Tank Access

999	Pipeline Operation and Access Code
-----	------------------------------------

**Section 7 – Product Pipeline Storage Capacity (all split into Working and Shell (Idle and In Operation))**

141	Fuel Ethanol
242	Natural Gas Plant Liquids and Liquefied Refinery Gases
246	Propane/Propylene
131	Motor Gasoline
411	Distillate Fuel Oil
308	Kerosene and Kerosene-Type Jet Fuel
334	All Other
999	Total

## Section 8 – Stocks in Tanks and Underground Storage

141	Fuel Ethanol
242	Natural Gas Plant Liquids and Liquefied Refinery Gases
246	Propane/Propylene (dedicated)
131	Motor Gasoline (incl. Blending Components)
411	Distillate Fuel Oil
308	Kerosene and Kerosene-Type Jet Fuel
334	All Other
999	Total

## Sample Importation File

The following sample file contains the data for respondent **111111111** for the month of **February 2011..** The records do not need to be in any particular order as the program will sort them into the required order before importing them into the PEDRO system. For example, the last line of data could be moved to the first line and this would not change the importation.

81211111111110211	ACCS1109991	81211111111110211	ESTO11010866
81211111111110211	ACCS1209992	81211111111110211	ESTO12010867
81211111111110211	ACCS1309991	81211111111110211	ESTO13010868
81211111111110211	ACCS2009992	81211111111110211	ESTO20010869
81211111111110211	ACCS3009991	81211111111110211	ESTO30010870
81211111111110211	ACCS4009992	81211111111110211	ESTO40010871
81211111111110211	ACCS5009991	81211111111110211	ESTO50010872
81211111111110211	USTO4002422	81211111111110211	ESTO99910873
81211111111110211	USTO5002423	81211111111110211	ESTO11011174
81211111111110211	USTO9992424	81211111111110211	ESTO12011175
81211111111110211	USTO1102465	81211111111110211	ESTO13011176
81211111111110211	USTO1202466	81211111111110211	ESTO20011177
81211111111110211	USTO1302467	81211111111110211	ESTO30011178
81211111111110211	USTO2002468	81211111111110211	ESTO40011179
81211111111110211	USTO3002469	81211111111110211	ESTO50011180
81211111111110211	USTO40024610	81211111111110211	ESTO99911181
81211111111110211	USTO50024611	81211111111110211	ESTO11011182
81211111111110211	USTO99924612	81211111111110211	ESTO12011183
81211111111110211	USTO11030813	81211111111110211	ESTO13011184
81211111111110211	USTO12030814	81211111111110211	ESTO20011185
81211111111110211	USTO13030815	81211111111110211	ESTO30011186

## EIA-813 Monthly Crude Oil Report

### Edit Criteria

The following are the Edit Criteria for the EIA-813.

Survey	Rule Code	Error Message
813	ADA	Address line cannot be blank.
813	ADC	City cannot be blank.
813	ADN	Company Name cannot be blank.
813	ADN	Zip cannot be blank.
813	ADS	Invalid State code.
813	ADS	State cannot be blank.
813	CLI	Total quantity error. The U.S. Total (999) for Lease Stocks (057) must equal the sum of the PADD values.
813	CLI	Total quantity error. The U.S. Total (999) for Pipeline/Tank Farm Stocks (056) must equal the sum of the PADD values.

### File Format

The Import Data option of the Survey Utilities Menu imports data from an ASCII (text) file to the PEDRO database for the EIA-813 Survey.

<u>COLUMN</u>	<u>DESCRIPTION</u>
1-3	3-digit EIA form number: <b>813</b>
4-13	10-digit respondent ID number
14-15	2-digit month code: 01-12 (06=June, etc.)
16-17	2-digit year code (09=2009, etc.)
18-19	blank
20-23	4-character cell label
24-26	3-character location code or shipping and receiving PADD
27-29	3-digit product code
30-34	5-digit quantity in thousands of barrels

### Cell Labels

#### Part 3 - Stocks of Crude Oil and Crude Oil Consumed as Fuel

CELL LABEL	DESCRIPTION
ESTO	Stocks of Products for PADD 1, location code 100 PADD 2, location code 200 PADD 3, location code 300 PADD 4, location code 400 PADD 5, location code 500 Total Stocks, location code 999

#### Part 4 – Receipts of Crude Oil

CELL LABEL	DESCRIPTION
GREC	Receipts for PADD 3, location code 300

#### Part 5 - Movement of Crude Oil By Pipeline Between Pad Districts During The Month (Thousand Barrels)

CELL LABEL	DESCRIPTION
GMOV	Movements from PADD 1 to PADD 2, location code 12 PADD 1 to PADD 3, location code 13 PADD 2 to PADD 1, location code 21 PADD 2 to PADD 3, location code 23 PADD 2 to PADD 4, location code 24 PADD 3 to PADD 1, location code 31 PADD 3 to PADD 2, location code 32 PADD 3 to PADD 4, location code 34 PADD 3 to PADD 5, location code 35 PADD 4 to PADD 2, location code 42 PADD 4 to PADD 3, location code 43 PADD 4 to PADD 5, location code 45 PADD 5 to PADD 3, location code 53 PADD 5 to PADD 4, location code 54

#### Part 6 - Crude Oil Storage Capacity of Tankfarms By Pad District (Thousand Barrels)

CELL LABEL	DESCRIPTION
RSCW	Working Crude Oil Storage Capacity of Tankfarms for, PADD 1, location code 100 PADD 2, location code 200 PADD 3, location code 300 PADD 4, location code 400 PADD 5, location code 500 U.S. Total, location code 999
RSCI	Idle Capacity of Tankfarms for, PADD 1, location code 100 PADD 2, location code 200 PADD 3, location code 300 PADD 4, location code 400 PADD 5, location code 500 U.S. Total, location code 999
RSCE	In Operation (exclusive use) Capacity of Tankfarms for, PADD 1, location code 100 PADD 2, location code 200 PADD 3, location code 300 PADD 4, location code 400 PADD 5, location code 500 U.S. Total, location code 999
RSCL	In Operation (leased to others) Capacity of Tankfarms for, PADD 1, location code 100 PADD 2, location code 200 PADD 3, location code 300 PADD 4, location code 400



CELL LABEL	DESCRIPTION
	PADD 5, location code 500
	U.S. Total, location code 999

**Part 7 - Crude Oil Storage Capacity of Tankfarms at Cushing, Oklahoma.**

CELL LABEL	DESCRIPTION
RSCW	Working Crude Oil Storage Capacity of Tankfarms at Cushing, Oklahoma
RSCT	Shell Storage Capacity of Tankfarms at Cushing, Oklahoma
RSCI	Idle Capacity of Tankfarms at Cushing, Oklahoma
RSCE	In Operation (exclusive use) Capacity of Tankfarms at Cushing, Oklahoma
RSCL	In Operation (leased to others) Capacity of Tankfarms at Cushing, Oklahoma

**Part 8 – Stocks in Tanks and Underground Storage**

CELL LABEL	DESCRIPTION
USTO	Stocks in Tanks and Underground Storage for, PADD 1, location code 100 PADD 2, location code 200 PADD 3, location code 300 PADD 4, location code 400 PADD 5, location code 500 U.S. Total, location code 999

**Product Codes**

**Section 3 - Stocks of Crude Oil and Crude Oil Consumed as Fuel**

056	Pipeline/Tank Farm Stocks
053	Cushing, Oklahoma Stocks
057	Lease Stocks
092	Alaskan Crude Oil in Transit by Water

**Sections 4 & 5- Movement and Receipts of Crude Oil by Pipeline Between PAD Districts During the Month**

050	Crude Oil
-----	-----------

**Part 6 - Crude Oil Storage Capacity of Tankfarms<sup>1</sup> By Pad District (Thousand Barrels)**

**NOTE:** Product Code is not shown on form; it is 056.

**Part 7 - Crude Oil Storage Capacity of Tankfarms at Cushing, Oklahoma.**

**NOTE:** Product Code is not shown on form; it is 053. The location code would be 600.

## Part 8 – Stocks in Tanks and Underground Storage

056 Stocks in Tanks and Underground Storage (Total)  
053 Cushing, Oklahoma

### Sample Importation File

The following sample file contains the data for respondent 111111111 for February 2011. The file may contain data for multiple respondents and multiple months. The records do not need to be in any particular order as the program will sort them into the required order before importing them into the PEDRO system. For example, the last line of data could be moved to the first line and this would not change the importation.

81311111111110211	USTO1000561	81311111111110211	RSCE99905636
81311111111110211	USTO2000562	81311111111110211	RSCE60005337
81311111111110211	USTO3000563	81311111111110211	ESTO20005338
81311111111110211	USTO4000564	81311111111110211	ESTO10005639
81311111111110211	USTO5000565	81311111111110211	ESTO20005640
81311111111110211	USTO9990566	81311111111110211	ESTO30005641
81311111111110211	USTO2000537	81311111111110211	ESTO40005642
81311111111110211	RSCT1000568	81311111111110211	ESTO50005643
81311111111110211	RSCT2000569	81311111111110211	ESTO99905644
81311111111110211	RSCT30005610	81311111111110211	ESTO10005745
81311111111110211	RSCT40005611	81311111111110211	ESTO20005746
81311111111110211	RSCT50005612	81311111111110211	ESTO30005747
81311111111110211	RSCT99905613	81311111111110211	ESTO40005748
81311111111110211	RSCT20005314	81311111111110211	ESTO50005749
81311111111110211	RSCT60005315	81311111111110211	ESTO99905750
81311111111110211	GREC30005016	81311111111110211	ESTO99909251
81311111111110211	RSCW10005617	81311111111110211	RSCL10005652
81311111111110211	RSCW20005618	81311111111110211	RSCL20005653
81311111111110211	RSCW30005619	81311111111110211	RSCL30005654
81311111111110211	RSCW40005620	81311111111110211	RSCL40005655
81311111111110211	RSCW50005621	81311111111110211	RSCL50005656
81311111111110211	RSCW99905622	81311111111110211	RSCL99905657
81311111111110211	RSCW60005323	81311111111110211	RSCL60005358
81311111111110211	RSCI10005624	81311111111110211	GMOVM1205059
81311111111110211	RSCI20005625	81311111111110211	GMOVM1305060
81311111111110211	RSCI30005626	81311111111110211	GMOVM2105061
81311111111110211	RSCI40005627	81311111111110211	GMOVM2305062
81311111111110211	RSCI50005628	81311111111110211	GMOVM2405063
81311111111110211	RSCI99905629	81311111111110211	GMOVM3105064
81311111111110211	RSCI60005330	81311111111110211	GMOVM3205065
81311111111110211	RSCE10005631	81311111111110211	GMOVM3405066
81311111111110211	RSCE20005632	81311111111110211	GMOVM3505067
81311111111110211	RSCE30005633	81311111111110211	GMOVM4205068
81311111111110211	RSCE40005634	81311111111110211	GMOVM4305069
81311111111110211	RSCE50005635	81311111111110211	GMOVM4505070
		81311111111110211	GMOVM5305071
		81311111111110211	GMOVM5405072

## EIA-814 Monthly Imports Report

### Edit Criteria

The following are the Edit Criteria for the EIA-814.

Survey	Rule Code	Error Message
814	NGR	Value for API Gravity is Required. For the commodity code you selected, you must enter a non-zero value for API Gravity.
814	NSR	Value for Sulfur Content is Required. For the commodity code you selected, you must enter a non-zero value for Sulfur Content.
814	FTC	Crude Country Mismatch. Crude imports are unlikely for the country you selected.
814	NCP	Processing City Required. For the commodity code you selected, you must enter a city in which the processing facility is located.
814	NQR	Quantity Required. You must provide a quantity for all imports lines.
814	TQE	Total quantity error. Total Quantity Reported must equal the sum of individual quantities reported.
814	TLE	Total Number of Lines entries Reported must equal the number of lines in the Detail Tab.
814	ADA	Address line cannot be blank.
814	ADS	Invalid State code.
814	ADN	Company Name cannot be blank.
814	ADC	City cannot be blank.
814	CCC	Port/Country Mismatch. You can only receive imports from Canada into the Port you entered.
814	CCW	Port/Country Mismatch. You can not receive imports from Canada into the Port you entered.
814	UPC	Port/Processor Location Mismatch. You have entered an unlikely combination of Port and Processor locations.
814	ADS	State cannot be blank.
814	ADN	Zip cannot be blank.
814	NCP	Processing state required. For the commodity code you selected, you must enter a processing state.
814	NCP	Processing facility required. For the commodity code you selected, you must enter a processing facility (a company name).

### File Format

The Import Data Option of the Survey Utilities Menu Imports data from an ASCII (text) file to the PEDRO database for the EIA-814 Survey.

<u>COLUMN</u>	<u>DESCRIPTION</u>
1-3	3-digit EIA form number: <b>814</b>
4-13	10-digit respondent ID number (shown IXXXXXXXX)

14-15	2-digit month code: 01-12 (06=June, etc. shown as MM)
16-17	2-digit year code: 90-91 (90=1990, etc. shown as YY)
18-19	blank
20-26	7-character cell label (shown as LLLLLLL)
27-29	3-digit line number (shown as NNN)
30-31	2-character state code for cell labels PORTSTA & PROSTAT (Shown as QQ)
30-33	4-digit port of entry code for cell label PORTNUM. Optional alternative to PORTCTY and PORTSTA (shown as QQQ)
30-34	5-character value for cell label COMMODT, or 5-digit quantity (QUANTTY or TOTAL) in thousands of barrels. Cell labels for SULFURW and APIGRAV must contain the decimal (shown as QQQQQ)
30-59	30-character value for cell labels: PORTCTY, PRONAME, PROCITY and COUNTRY (Shown as Q's)

## Cell Labels

### Product Codes

Asphalt and Road Oil	ASPHL
Aviation Gasoline	AVGAS
Aviation Gasoline Blending Components	AVGBC
Butylene	BUTL
Crude Oil (including Lease Condensate)	CRUDE
Crude Oil Burned as Fuel	CRDFL

### Distillate Fuel Oil:

#### Bonded

Distillate Fuel Oil 15 ppm Sulfur and Under	BDISU
Distillate Fuel Oil Greater than 15 ppm Sulfur to 500 ppm Sulfur (inclusive)	BDISL
Distillate Fuel Oil Greater than 500 ppm Sulfur to 2000 ppm Sulfur (inclusive)	BDISH
Distillate Fuel Oil Greater than 2000 ppm Sulfur	BDISG

#### Other

Distillate Fuel Oil 15 ppm Sulfur and Under	DISU
Distillate Fuel Oil Greater than 15 ppm Sulfur to 500 ppm Sulfur (inclusive)	DISL
Distillate Fuel Oil Greater than 500 ppm Sulfur to 2000 ppm Sulfur (inclusive)	DISH
Distillate Fuel Oil Greater than 2000 ppm Sulfur	DISG

Ethane	ETHN
Ethylene	ETHL
Isobutane	ISBTN
Isobutylene	ISBTL
Kerosene	KERO

**Kerosene-Type Jet Fuel:**

Domestic	KEROJ
Bonded	BKERJ

Lubricants	LUBES
Miscellaneous Products	MISC

**Motor Gasoline Blending Components:**

RBOB for Blending with Ether	RBOBE
RBOB for Blending with Alcohol	RBOBA
CBOB	CBOB
GTAB, Reformulated	GTABR
GTAB, Conventional	GTABC
All Other	BCOTH

**Motor Gasoline**

Reformulated, blended with ether	MGRFE
Reformulated, blended with alcohol	MGRFA
Reformulated, non-oxygenated	MGRNO
Conventional, blended with alcohol	MGCWA
Conventional, other	MGCOT

**Naphtha-Type Jet Fuel:**

Normal Butane	BUTN
Other Hydrocarbons/Hydrogen	OHCHY

**Oxygenates:**

Ethyl tertiary butyl ether	ETBE
Fuel Ethanol	FETH
Methanol	METH
Methyl tertiary butyl ether	MTBE

Pentanes Plus	PENT +
---------------	--------

**Petrochemical Feedstocks:**

Naphtha<401°F End-Point	NFEED
Other Oils≥ 401°F End-Point	OFEED

Petroleum Coke	COKE
Propane	PROP
Propylene	PROPL

**Residual Fuel Oil:**

Domestic	RESID
Bonded	BRESID

Special Naphthas	SNAPH
------------------	-------

**Unfinished Oils:**

Naphthas and Lighter (<401°F End-Point)	UNAPH
Kerosene and Light (401°F-650°F End-Point)	ULITE
Heavy Gas Oils (651°F-1000°F End-Point)	UHEVY
Residuum (>1000°F End-Point)	URSID

Wax

WAX

### Sample Importation File

The following sample file contains data for company **0000000814** for the months of **September 2010**. The file may contain data for multiple respondents and multiple months. The records do not need to be in any particular order as the program will sort them into the required order before importing them into the PEDRO system. For example, the last line of data could be moved to the first line and this would not change the importation. Data over 14 months old must not be imported into PEDRO as this will result in an error.

```
81400000008140910  COMMODT001CRUDE
81400000008140910  PROCITY001HOUSTON
81400000008140910  PROSTAT001TX
81400000008140910  COUNTRY001ALGERIA
81400000008140910  QUANTTTY001500
81400000008140910  SULFURW0010.01
81400000008140910  APIGRAV00123.00
81400000008140910  PRONAME001ANYONECO
81400000008140910  PORTNUM0012004
81400000008140910  TOTAL999500
```

**EIA-815**  
**Monthly Terminal Blenders Report**

**Edit Criteria**

The following are the Edit Criteria for the EIA-815.

<b>Survey</b>	<b>Rule Code</b>	<b>Error Message</b>
815	ADA	Address line cannot be blank.
815	ADC	City cannot be blank.
815	ADN	Company Name cannot be blank.
815	ADN	Zip cannot be blank.
815	ADS	Invalid State Code.
815	ADS	State cannot be blank.
815	CLI	Line Imbalance. For 0.31% to 1.00% sulfur (incl.) (509), Ending Stocks should equal Beginning Stocks + Receipts - Inputs + Production - Shipments - Use Loss.
815	CLI	Line Imbalance. For 15 ppm sulfur and under (465), Ending Stocks should equal Beginning Stocks + Receipts - Inputs + Production - Shipments - Use Loss.
815	CLI	Line Imbalance. For Bio-Mass Based Diesell (203), Ending Stocks should equal Beginning Stocks + Receipts - Inputs + Production - Shipments - Use Loss.
815	CLI	Line Imbalance. For Ethyl Tertiary Butyl Ether (MTBE) (142), Ending Stocks should equal Beginning Stocks + Receipts - Inputs + Production - Shipments - Use Loss.
815	CLI	Line Imbalance. For Fuel Ethanol (141), Ending Stocks should equal Beginning Stocks + Receipts - Inputs + Production - Shipments - Use Loss.
815	CLI	Line Imbalance. For Greater than 15 ppm to 500 ppm sulfur (incl.) (466), Ending Stocks should equal Beginning Stocks + Receipts - Inputs + Production - Shipments - Use Loss.
815	CLI	Line Imbalance. For Greater than 500 ppm sulfur (467), Ending Stocks should equal Beginning Stocks + Receipts - Inputs + Production - Shipments - Use Loss.
815	CLI	Line Imbalance. For Methyl Tertiary Butyl Ether (ETBE) (144), Ending Stocks should equal Beginning Stocks + Receipts - Inputs + Production - Shipments - Use Loss.
815	CLI	Line Imbalance. For Natural Gas Plant Liquids and Liquefied Refinery Gases, TOTAL (242), Ending Stocks should equal Beginning Stocks + Receipts - Inputs + Production - Shipments - Use Loss.
815	CLI	Line Imbalance. For Other Oxygenates (445), Ending Stocks should equal Beginning Stocks + Receipts - Inputs + Production - Shipments - Use Loss.
815	CLI	Line Imbalance. For Other Renewable Diesel (205), Ending Stocks should equal Beginning Stocks + Receipts - Inputs + Production - Shipments - Use Loss.
815	CLI	Line Imbalance. For Other Renewable Fuels (207), Ending Stocks should equal Beginning Stocks + Receipts - Inputs + Production - Shipments - Use Loss.
815	CLI	Line Imbalance. For Over 1.00% sulfur (510), Ending Stocks should equal Beginning Stocks + Receipts - Inputs + Production - Shipments -

Survey	Rule Code	Error Message
		Use Loss.
815	CLI	Line Imbalance. For Under 0.31% sulfur (508), Ending Stocks should equal Beginning Stocks + Receipts - Inputs + Production - Shipments - Use Loss.
815	CLI	Line Imbalance. For Unfinished Oils, TOTAL (812), Ending Stocks should equal Beginning Stocks + Receipts - Inputs + Production - Shipments - Use Loss.
815	CLI	Line Imbalance. For All Other Motor Gasoline Blending Components (138), Ending Stocks should equal Beginning Stocks + Receipts - Inputs + Production - Shipments - Use Loss.
815	CLI	Line Imbalance. For Asphalt and Road Oil (931), Ending Stocks should equal Beginning Stocks + Receipts - Inputs + Production - Shipments - Use Loss.
815	CLI	Line Imbalance. For Aviation Gasoline Blending Components (112), Ending Stocks should equal Beginning Stocks + Receipts - Inputs + Production - Shipments - Use Loss.
815	CLI	Line Imbalance. For Conventional Blendstock for Oxygenate Blending (CBOB) (139), Ending Stocks should equal Beginning Stocks + Receipts - Inputs + Production - Shipments - Use Loss.
815	CLI	Line Imbalance. For Conventional, Other (130), Ending Stocks should equal Beginning Stocks + Receipts - Inputs + Production - Shipments - Use Loss.
815	CLI	Line Imbalance. For Distillate Fuel Oil, TOTAL: (411), Ending Stocks should equal Beginning Stocks + Receipts - Inputs + Production - Shipments - Use Loss.
815	CLI	Line Imbalance. For Ed55 and Lower (166), Ending Stocks should equal Beginning Stocks + Receipts - Inputs + Production - Shipments - Use Loss.
815	CLI	Line Imbalance. For Finished Aviation Gasoline (111), Ending Stocks should equal Beginning Stocks + Receipts - Inputs + Production - Shipments - Use Loss.
815	CLI	Line Imbalance. For Gasoline Treated as Blendstock (GTAB) (117), Ending Stocks should equal Beginning Stocks + Receipts - Inputs + Production - Shipments - Use Loss.
815	CLI	Line Imbalance. For Greater than Ed55 (149), Ending Stocks should equal Beginning Stocks + Receipts - Inputs + Production - Shipments - Use Loss.
815	CLI	Line Imbalance. For Kerosene (311), Ending Stocks should equal Beginning Stocks + Receipts - Inputs + Production - Shipments - Use Loss.
815	CLI	Line Imbalance. For Kerosene-type Jet Fuel (213), Ending Stocks should equal Beginning Stocks + Receipts - Inputs + Production - Shipments - Use Loss.
815	CLI	Line Imbalance. For Lubricants (854), Ending Stocks should equal Beginning Stocks + Receipts - Inputs + Production - Shipments - Use Loss.
815	CLI	Line Imbalance. For Miscellaneous Products (888), Ending Stocks should equal Beginning Stocks + Receipts - Inputs + Production - Shipments - Use Loss.
815	CLI	Line Imbalance. For Reformulated Blendstock for Oxygenate Blending (RBOB) (118), Ending Stocks should equal Beginning Stocks + Receipts - Inputs + Production - Shipments - Use Loss.



Survey	Rule Code	Error Message
815	CLI	Line Imbalance. For Reformulated, Blended with Fuel Ethanol (125), Ending Stocks should equal Beginning Stocks + Receipts - Inputs + Production - Shipments - Use Loss.
815	CLI	Line Imbalance. For Reformulated, Other (127), Ending Stocks should equal Beginning Stocks + Receipts - Inputs + Production - Shipments - Use Loss.
815	CLI	Line Imbalance. For Residual Fuel Oil, TOTAL: (511), Ending Stocks should equal Beginning Stocks + Receipts - Inputs + Production - Shipments - Use Loss.
815	CLI	Line Imbalance. For Special Naphthas (solvents) (051), Ending Stocks should equal Beginning Stocks + Receipts - Inputs + Production - Shipments - Use Loss.
815	P>T	Part greater than total. Beginning Stocks of Ethane/Ethylene (631) cannot exceed Beginning Stocks of Ethylene (108).
815	P>T	Part greater than total. Beginning Stocks of Propane/Propylene (624) cannot exceed Beginning Stocks of Propylene (nonfuel use) (246).
815	P>T	Part greater than total. Receipts of Ethane/Ethylene (631) cannot exceed Receipts of Ethylene (108).
815	P>T	Part greater than total. Receipts of Propane/Propylene (624) cannot exceed Receipts of Propylene (nonfuel use) (246).
815	TQE	Subtotal Error. Total Ending Stocks of Distillate Fuel Oil (411) must equal the sum of its subordinate products (465, 466, 467)
815	TQE	Subtotal Error. Total Ending Stocks of Residual Fuel Oil (511) must equal the sum of its subordinate products (508, 509, 510)
815	TQE	Subtotal Error. Total Inputs of Distillate Fuel Oil (411) must equal the sum of its subordinate products (465, 466, 467)
815	TQE	Subtotal Error. Total Inputs of Residual Fuel Oil (511) must equal the sum of its subordinate products (508, 509, 510)
815	TQE	Subtotal Error. Total Production of Distillate Fuel Oil (411) must equal the sum of its subordinate products (465, 466, 467)
815	TQE	Subtotal Error. Total Production of Residual Fuel Oil (511) must equal the sum of its subordinate products (508, 509, 510)

## File Format

The Import Data option of the Survey Utilities Menu imports data from an ASCII (text) file to the PEDRO database for the EIA-815 Survey.

<u>COLUMN</u>	<u>DESCRIPTION</u>
1-3	3-digit EIA form number: <b>815</b>
4-13	10-digit respondent ID number
14-15	2-digit month code: 01-12 (06=June, etc.)
16-17	2-digit year code (09=2009, etc.)
18-19	blank
20-26	4-character cell label and 3 blanks
27-29	3-digit product code
30-34	5-digit quantity in thousands of barrels

## Cell Labels

### Part 3 – Terminal and Blending Activity

CELL LABEL	DESCRIPTION
BSTO	Stocks Beginning of Month
GREC	Receipts During Month
INPT	Inputs During Month
GPRO	Production During Month
SHIP	Shipments During Month
USEL	Refinery Fuel Use and Losses During Month
ESTO	Stocks End of Month

#### Part 4 – Bulk Terminal Storage Capacity

CELL LABEL	DESCRIPTION
TRAN	Are any tanks at this terminal used for trans-shipment of products by pipeline or other transportation modes? Enter yes (Y) or no (N) in the box. <b>STEPS requires that this value be a numeric value. Use the value 1 for a no ('N') response and the value 2 for a yes ('Y') response. The associated product code is 901.</b>
RSCW	Working Bulk Terminal Storage Capacity
RSCE	In Operation (exclusive use) Bulk Terminal Storage Capacity
RSCL	In Operation (leased to others) Bulk Terminal Storage Capacity
RSCI	Idle Bulk Terminal Storage Capacity
RSCT	Total Shell Bulk Terminal Storage Capacity

#### Product Codes

#### Section 3 – Terminal and Blending Activity

##### Renewable Fuels:

141	Fuel Ethanol
203	Biomass-Based Diesel
205	Other Renewable Diesel
207	Other Renewable Fuels

##### Oxygenates (excluding Fuel Ethanol):

144	Methyl Tertiary Butyl Ether (MTBE)
142	Ethyl Tertiary Butyl Ether (ETBE)
445	Other Oxygenates

##### Natural Gas Plant Liquids and Liquefied Refinery Gases

242	NGPL and LRG, Total
108	Ethane/Ethylene, Total
631	Ethylene
246	Propane/Propylene, Total
624	Propylene (nonfuel use)
244	Normal Butane/Butylene, Total
235	Refinery Grade Butane
245	Isobutane/Isobutylene
220	Pentanes Plus

##### Unfinished Oils

812	Unfinished Oils, Total
820	Naphthas and Lighter
830	Kerosene and Light Gas Oils
840	Heavy Gas Oils

850                Residuum

Finished Motor Gasoline

125                Reformulated (Blended with Fuel Ethanol)  
127                Reformulated (Other)  
166                Conventional, Blended with Fuel Ethanol, Ed55 and Lower  
149                Conventional, Blended with Fuel Ethanol, Greater than Ed44  
130                Conventional (Other)

Motor Gasoline Blending Components

118                Reformulated Blendstock for Oxygenate Blending (RBOB)  
139                Conventional Blendstock for Oxygenate Blending (CBOB)  
117                Gasoline Treated as Blendstock (GTAB)  
138                All Other Motor Gasoline Blending Components

Aviation Gasoline

111                Finished Aviation  
112                Blending Components

Special Naphthas

051                Special Naphthas (Solvents)

Jet Fuel

213                Kerosene-Type, Total

Kerosene

311                Kerosene

Distillate Fuel Oil

411                Distillate Fuel Oil  
465                15 ppm sulfur and under  
466                Greater than 15 ppm to 500 ppm sulfur (incl.)  
467                Greater than 500 ppm sulfur

Residual Fuel Oil

511                Residual Fuel Oil, Total  
508                Under 0.31% Sulfur  
509                0.31% to 1.00% Sulfur (incl.)  
510                Over 1.00% Sulfur

Lubricants

854                Lubricants, Total

Asphalt and Road Oil

931                Asphalt and Road Oil

Miscellaneous Products

888                Miscellaneous Products

Inputs (Gain) or Production (Loss)

911                Inputs or Production

Total

999                Total

**Section 4 – Refinery Storage Capacity (Working, In Operation (Exclusive Use and Leased to Others), Idle, and Total Shell)**

Renewable Fuels:

141 Fuel Ethanol

Natural Gas Plant Liquids and Liquefied Refinery Gases

242 NGPL and LRG, Total

246 Propane/Propylene, Total

Motor Gasoline Blending Components

131 Motor Gasoline Blending Components

Distillate Fuel Oil

411 Distillate Fuel Oil

Kerosene and Kerosene Jet Fuel

308 Kerosene and Kerosene Jet Fuel

Residual Fuel Oil

511 Residual Fuel Oil, Total

Asphalt and Road Oil

931 Asphalt and Road Oil

All Other

332 All Other

Total

999 Total

## Sample Importation File

The following sample file contains the data for respondent **1111111111** for the month of April **2010**. The file may contain data for multiple respondents and multiple months. The records do not need to be in any particular order as the program will sort them into the required order before importing them into the PEDRO system. For example, the last line of data could be moved to the first line and this would not change the importation.

81511111111110410	RSCE	1311
81511111111110410	RSCE	1412
81511111111110410	RSCE	2423
81511111111110410	RSCE	2464
81511111111110410	RSCE	3085
81511111111110410	RSCE	3326
81511111111110410	RSCE	4117
81511111111110410	RSCE	5118
81511111111110410	RSCE	9319
81511111111110410	RSCE	99910
81511111111110410	RSCI	13111
81511111111110410	RSCI	14112
81511111111110410	RSCI	24213
81511111111110410	RSCI	24614

## EIA-816 Monthly Natural Gas Liquids Report

### Edit Criteria

The following are the Edit Criteria for the EIA-816.

Survey	Rule Code	Error Message
816	ADA	Address line cannot be blank.
816	ADC	City cannot be blank.
816	ADN	Company Name cannot be blank.
816	ADN	Zip cannot be blank.
816	ADS	Invalid State code.
816	ADS	State cannot be blank.
816	BII	Isobutane processing gain greater than 5 percent.
816	BII	Isobutane processing loss greater than 5 percent.
816	CLI	Line Imbalance. For Ethane (243), Ending Stocks should equal Beginning Stocks + Receipts + Production - Shipments - Use Loss.
816	CLI	Line Imbalance. For Isobutane (247), Ending Stocks should equal Beginning Stocks + Receipts + Production - Shipments - Use Loss.
816	CLI	Line Imbalance. For Normal Butane (249), Ending Stocks should equal Beginning Stocks + Receipts - Inputs + Production - Shipments - Use Loss.
816	CLI	Line Imbalance. For Pentanes Plus (220), Ending Stocks should equal Beginning Stocks + Receipts - Inputs + Production - Shipments - Use Loss.
816	CLI	Line Imbalance. For Propane (248), Ending Stocks should equal Beginning Stocks + Receipts + Production - Shipments - Use Loss.

### File Format

The Import Data option of the Survey Utilities Menu imports data from an ASCII (text) file to the PEDRO database for the EIA-816 Survey.

<u>COLUMN</u>	<u>DESCRIPTION</u>
1-3	3-digit EIA form number: <b>816</b>
4-13	10-digit respondent ID number
14-15	2-digit month code : 01-12 (06 = June, etc.)
16-17	2-digit year code (09=2009, etc.)
18-19	blank
20-23	4-character cell label
26-28	3-digit product code
31-38	8-digit quantity in thousands of barrels

### Cell Labels

**Section 1-Natural Gas Liquids Activity**

BSTO	Stocks Beginning of Month
INPT	Inputs During Month
SHIP	Shipments During Month
USEL	Plant Fuel Use and Losses During Month
GPRO	Production During Month
ESTO	Stocks End of Month
GREC	Receipts During Month

**Product Codes****Section 1-Natural Gas Liquids Activity**

243	Ethane
248	Propane
249	Normal Butane
247	Isobutane
220	Pentanes Plus

**Sample Importation File**

The following sample file contains data for respondent **0000000816** for the month of **May 2010**. The file may contain data for multiple respondents and multiple months. The records do not need to be in any particular order as the program will sort them into the required order before importing them into the PEDRO system. For example, the last line of data could be moved to the first line and this would not change the importation.

81600000008160510	BSTO	243	400
81600000008160510	GREC	243	100
81600000008160510	GPRO	243	100
81600000008160510	SHIP	243	100
81600000008160510	ESTO	243	500
81600000008160510	BSTO	249	500
81600000008160510	GREC	249	200
81600000008160510	INPT	249	300
81600000008160510	GPRO	249	200
81600000008160510	SHIP	249	500
81600000008160510	USEL	249	250
81600000008160510	ESTO	249	100
81600000008160510	BSTO	220	200
81600000008160510	ESTO	220	200
81600000008160510	BSTO	247	500
81600000008160510	ESTO	247	500
81600000008160510	BSTO	248	500
81600000008160510	GREC	248	400
81600000008160510	SHIP	248	300
81600000008160510	ESTO	248	600

## EIA-817 Monthly Tanker and Barge Movement Report

### Edit Criteria

The following are the Edit Criteria for the EIA-817.

Survey	Rule Code	Error Message
817	ADA	Address line cannot be blank.
817	ADC	City cannot be blank.
817	ADN	Company Name cannot be blank.
817	ADN	Zip cannot be blank.
817	ADS	Invalid State code.
817	ADS	State cannot be blank.
817	TQE	Total Quantity Error. The total of product movements from PADD 1 to PADD 2 must equal the Total (999) entered on the Movement 1 tab page.
817	TQE	Total Quantity Error. The total of product movements from PADD 1 to PADD 3 must equal the Total (999) entered on the Movement 1 tab page.
817	TQE	Total Quantity Error. The total of product movements from PADD 1 to PADD 5 must equal the Total (999) entered on the Movement 1 tab page.
817	TQE	Total Quantity Error. The total of product movements from PADD 2 to PADD 3 must equal the Total (999) entered on the Movement 1 tab page.
817	TQE	Total Quantity Error. The total of product movements from PADD 2 to PADD 1 must equal the Total (999) entered on the Movement 1 tab page.
817	TQE	Total Quantity Error. The total of product movements from PADD 3 to PADD 1A must equal the Total (999) entered on the Movement 2 tab page.
817	TQE	Total Quantity Error. The total of product movements from PADD 3 to PADD 1B must equal the Total (999) entered on the Movement 2 tab page.
817	TQE	Total Quantity Error. The total of product movements from PADD 3 to PADD 1C must equal the Total (999) entered on the Movement 2 tab page.
817	TQE	Total Quantity Error. The total of product movements from PADD 3 to PADD 2 must equal the Total (999) entered on the Movement 2 tab page.
817	TQE	Total Quantity Error. The total of product movements from PADD 3 to PADD 5 must equal the Total (999) entered on the Movement 2 tab page.
817	TQE	Total Quantity Error. The total of product movements from PADD 5 to PADD 1 must equal the Total (999) entered on the Movement 3 tab page.
817	TQE	Total Quantity Error. The total of product movements from PADD 5 to PADD 3 must equal the Total (999) entered on the Movement 3 tab page.
817	TQE	Total Quantity Error. The total of product movements from PADD 5 to PADD 3 must equal the Total (999) entered on the Movement 3 tab page.

### File Format

The Import Data option of the Survey Utilities Menu imports data from as ASCII (text) file to the PEDRO database for the EIA-817 survey.

#### COLUMN      DESCRIPTION

1-3                3-digit EIA form number: **817**  
4-13               10-digit respondent ID number



14-15	2-digit month code: 01-12 (06=June, etc.)
16-17	2-digit year code (09=2009, etc.)
18-19	blank
20-26	7-character cell label
27-29	3-digit product code
30-34	5-digit quantity in thousands of barrels

### Cell Labels

GMOVM12	Movements from PADD 1 to PADD 2
GMOVM13	Movements from PADD 1 to PADD 3
GMOVM15	Movements from PADD 1 to PADD 5
GMOVM21	Movements from PADD 2 to PADD 1
GMOVM23	Movements from PADD 2 to PADD 3
GMOV31A	Movements from PADD 3 to PADD 1X
GMOV31B	Movements from PADD 3 to PADD 1Y
GMOV31C	Movements from PADD 3 to PADD 1Z
GMOVM32	Movements from PADD 3 to PADD 2
GMOVM35	Movements from PADD 3 to PADD 5
GMOVM51	Movements from PADD 5 to PADD 1
GMOVM53	Movements from PADD 5 to PADD 3

### Product Codes

#### Crude Oil

050	Crude Oil
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#### Renewable Fuels

141	Fuel Ethanol
203	Biomass-Based Diesel Fuel
205	Other Renewable Diesel Fuel
207	Other Renewable Fuels

#### Natural Gas Plant Liquids (NGPL) and Liquefied Refinery Gases (LRG)

108	Ethane/Ethylene, Total
246	Propane/Propylene, Total
244	Normal Butane/Butylene, Total
245	Isobutane/Isobutylene, Total

#### Unfinished Oils

812	Unfinished Oils
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#### Finished Motor Gasoline

125	Reformulated (Blended with Alcohol)
127	Reformulated (Other)
166	Conventional, Blended with Fuel Ethanol, Ed55 and Lower
149	Conventional, Blended with Fuel Ethanol, Greater than Ed44
130	Conventional (Other)

#### Motor Gasoline Blending Components

118	Reformulated Blendstock for Oxygenate Blending (RBOB)
139	Conventional Blendstock for Oxygenate Blending (CBOB)
117	Gasoline Treated as Blendstock (GTAB)
138	All Other Motor Gasoline Blending Components

Aviation Gasoline

111 Finished Aviation

Special Naphthas

051 Special Naphthas (Solvents)

Jet Fuel

213 Kerosene-Type, Total

Kerosene

311 Kerosene

Distillate Fuel Oil

465 15 ppm sulfur and under

466 Greater than 15 ppm to 500 ppm sulfur (incl.)

467 Greater than 500 ppm sulfur

Residual Fuel Oil

508 Under 0.31% Sulfur

509 0.31% to 1.00% Sulfur (incl.)

510 Over 1.00% Sulfur

Lubricants

854 Lubricants, Total

Asphalt and Road Oil

931 Asphalt and Road Oil

Wax

070 Wax

Petrochemical Feedstocks

822 Naphtha < 401° F End-Point

824 Other Oils  $\geq$  401° F End-Point

Miscellaneous Products

888 Miscellaneous Products

Total

999 Total

## Sample Importation File

The following sample file contains data for respondent **0000000817** for the month of **June 2010**. The file may contain data for multiple respondents and multiple months. The records do not need to be in any particular order as the program will sort them into the required order before importing them into the PEDRO system. For example, the last line of data could be moved to the first line and this would not change the importation.

81700000008170610	GMOVM12050	100
81700000008170610	GMOVM13050	200
81700000008170610	GMOVM15050	300
81700000008170610	GMOVM21050	400
81700000008170610	GMOVM23050	500
81700000008170610	GMOV31A050	600
81700000008170610	GMOV31B050	700
81700000008170610	GMOV31C050	800
81700000008170610	GMOVM32050	900
81700000008170610	GMOVM35050	950
81700000008170610	GMOVM51050	975
81700000008170610	GMOVM53050	975
81700000008170610	GMOV31C141	980

## EIA-819 Monthly Oxygenate Report

### Edit Criteria

The following are the Edit Criteria for the EIA-819.

Survey	Rule Code	Error Message
819	ADA	Address line cannot be blank.
819	ADC	City cannot be blank.
819	ADN	Company Name cannot be blank.
819	ADN	Zip cannot be blank.
819	ADS	Invalid State code.
819	ADS	State cannot be blank.

### File Format

The Import Data option of the Survey Utilities Menu imports data from as ASCII (text) file to the PEDRO database for the EIA-819 survey.

<u>COLUMN</u>	<u>DESCRIPTION</u>
1-3	3-digit EIA form number: <b>819</b>
4-13	10-digit respondent ID number
14-15	2-digit month code: 01-12 (06=June, etc.)
16-17	2-digit year code (09=2009, etc.)
18-19	blank
20-26	7-character cell label
27-29	3-digit product code
30-34	5-digit quantity in thousands of barrels

### Cell Labels

#### Part 3 – Fuel Ethanol Production Capacity

CELL LABEL	DESCRIPTION
GPRO	Nameplate Capacity
CAPA	Maximum Sustainable Capacity

#### Part 4 – Oxygenate Production

CELL LABEL	DESCRIPTION
PROD	Production
ESTO	End of Month Stocks

## Part 5 – Denaturants Blended with Fuel Ethanol

CELL LABEL	DESCRIPTION
VOLU	Denaturant Volume Blended
ESTO	End of Month Stocks

## Part 6 – Blending to Produce Finished Motor Fuel

CELL LABEL	DESCRIPTION
INPT	Input
PROD	Production

## Part 7 – Refinery Storage Capacity

CELL LABEL	DESCRIPTION
RSCW	Working
RSCO	Shell In Operation
RSCI	Shell Idle
RSCT	Total Shell

## Product Codes

The following **Product Code to Location Code Map** table identifies the correct format used in the import files for the EIA-819.

EIA-819 Import - Product Code to Location Code Map		
Product Code	Product Name	Location Code/Cell Label Combinations (values separated by semi-colon)
<i>Oxygenates:</i>		
190	Fuel Ethanol, Denatured	PROD2; ESTO2
191	Fuel Ethanol, Undenatured	PROD2; ESTO2
142	Ethyl Tertiary Butyl Ether (ETBE)	PROD2; ESTO2
144	Methyl Tertiary Butyl Ether (MTBE)	PROD2; ESTO2
445	All Other Oxygenates (Identify products in comments)	PROD2; ESTO2
<i>PART 5. DENATURANTS BLENDED WITH FUEL ETHANOL AND DENATURANTS ENDING STOCKS (Thousand Barrels)</i>		
220	Pentanes Plus (including Natural Gasoline)	VOLU3; ESTO3
<i>Finished Motor Gasoline:</i>		
127	Reformulated	VOLU3; ESTO3
130	Conventional	VOLU3; ESTO3
<i>Motor Gasoline Blending Components:</i>		
118	Reformulated Blendstock for Oxygenate Blending (RBOB)	VOLU3; ESTO3
139	Conventional Blendstock for Oxygenate Blending (CBOB)	VOLU3; ESTO3
117	Gasoline Treated as Blendstock (GTAB)	VOLU3; ESTO3
138	All Other Motor Gasoline Blending Components	VOLU3; ESTO3
<i>PART 6. BLENDING TO PRODUCE FINISHED MOTOR FUEL (Thousand Barrels)</i>		
190	Fuel Ethanol, Denatured	INPT4
191	Fuel Ethanol, Undenatured	INPT4

EIA-819 Import - Product Code to Location Code Map		
Product Code	Product Name	Location Code/Cell Label Combinations (values separated by semi-colon)
<i>Finished Motor Gasoline:</i>		
125	Reformulated, Blended with Fuel Ethanol	PROD4
<i>Conventional, Blended with Fuel Ethanol:</i>		
166	Ed55 and Lower	PROD4
149	Greater than Ed55	PROD4
130	Conventional, Other	INPT4; PROD4
<i>Motor Gasoline Blending Components:</i>		
118	Reformulated Blendstock for Oxygenate Blending (RBOB)	INPT4
139	Conventional Blendstock for Oxygenate Blending (CBOB)	INPT4
117	Gasoline Treated as Blendstock (GTAB)	INPT4
138	All Other Motor Gasoline Blending Components	INPT4
<b>PART 7. REFINERY STORAGE CAPACITY (Thousand Barrels)</b>		
141	Fuel Ethanol Production Capacity	CAPA; GPRO

### Sample Importation File

The following sample file contains data for respondent **111111111** for the month of **April 2010 (0410)**. As shown, the file may contain data for multiple respondents and multiple months. The records do not need to be in any particular order as the program will sort them into the required order before importing them into the PEDRO system. For example, the last line of data could be moved to the first line and this would not change the importation.

81911111111110410	RSCW	1411	81911111111110410	ESTO3	13024
81911111111110410	RSCO	1412	81911111111110410	ESTO3	13825
81911111111110410	RSCI	1413	81911111111110410	ESTO3	13926
81911111111110410	RSCT	1414	81911111111110410	ESTO3	22031
81911111111110410	INPT4	1175	81911111111110410	ESTO2	44532
81911111111110410	INPT4	1186	81911111111110410	VOLU3	11733
81911111111110410	INPT4	1307	81911111111110410	VOLU3	11834
81911111111110410	INPT4	1388	81911111111110410	VOLU3	12735
81911111111110410	INPT4	1399	81911111111110410	VOLU3	13036
81911111111110410	INPT4	19010	81911111111110410	VOLU3	13837
81911111111110410	INPT4	19111	81911111111110410	VOLU3	13938
81911111111110410	PROD4	12512	81911111111110410	VOLU3	22039
81911111111110410	PROD4	13013	81911111111110410	CAPA	19040
81911111111110410	ESTO3	11822	81911111111110410	GPRO	14141
81911111111110410	ESTO3	12723			

# **PC Electronic Data Reporting Option (PEDRO) System User's Guide**

## **Appendix B**

### **PEDRO Patches**

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### PEDRO Patches

Occasionally, updates to the PC Electronic Data Reporting Option (PEDRO) software are required that are not significant enough to justify a complete recreation and mailout of the software for every user. Instead, a "patch" is developed to update and/or correct the system. A patch is a bundled file (or files) that is sent out to PEDRO users to update the system without completely replacing or reinstalling PEDRO. A list of all PEDRO patches created and distributed between February 26, 2004, and May 31, 2010, is shown below:

Date Fixed	Surveys Affected	Explanation
02/26/2004	EIA-811, EIA-182, EIA-810, EIA-814, EIA-800, EIA-815	These fixes involved the product codes and cell labels, and correcting them to the right values. The current list of import values and edits that are contained in this User's Guide's Appendix A are the correct ones.
03/15/2004	EIA-815	When a PEDRO user tried to modify existing survey data, the form cells were locked.
03/17/2004	EIA-814	Validation total quantity edit: Total quantity edit checks were referencing the wrong cells on the EIA-814 form, causing incorrect error messages to be displayed.
03/17/2004	EIA-817	Validation messages: Edit checks were referencing the wrong cells on the EIA-817 form, causing incorrect error messages to be displayed.
04/06/2004	EIA-782A	This fix was related to the wholesale and retail cells on the form. These cells were switched: wholesale was being saved to retail, and retail was being saved to wholesale.
04/06/2004	EIA-14	EIA-14 invalid PADD code value: PADD code value being created was not correct. Fixed to create the correct PADD code value.
04/07/2004	EIA-802	There was a trigger date for the EIA-805 setup which indicated to the system when EIA-805 should be made accessible for entry/maintenance to the users. This trigger did not work successfully and the users were locked out of the form.
04/08/2004	EIA-800	The definitions of the product codes 122, 123, 139, 120, 121, and 138 changed, which would allow negative entry for these product codes. PEDRO was preventing negative entries for these product codes. Fixed PEDRO to allow for negative entries for these product codes.
04/19/2004	EIA-782C	The survey form EIA-782C sometimes caused a SQLAnywhere database error when selecting a state to enter survey data for. This was fixed.
04/30/2004	EIA-810	The EIA-810 edits were not referencing the correct grid cells when evaluating the edits. All EIA-810 edits and their cell references were reviewed and corrected.

<b>Date Fixed</b>	<b>Surveys Affected</b>	<b>Explanation</b>
<b>05/03/2004</b>	EIA-801	When the respondent created a survey transmission file for transmission to API, the file contained duplicated entries for the data.
<b>10/06/2004</b>	EIA-816	Survey values on the EIA-816 form were being truncated and the product code had changed after the PEDRO 6.1 release.
<b>03/01/2005</b>	EIA-182	For some respondents, the EIA-182 survey form contained a blank form when they tried to create and enter data for the January 2005 report period. This fix did not entail script changes. What probably happened was that the initial PEDRO 6.1 installation/upgrade, performed by the respondent, did not fully complete, causing this error. The programmer has been emailing the version of this form that he has, which has corrected the problem for the respondents.
<b>02/20/2007</b>	EIA-782	Certain line numbers in the 782 were appearing twice, while the new 472 line wasn't appearing at all. This patch was sent out via email.
<b>03/10/2007</b>	PEDRO Communications	Some users were getting an error ("Application Terminated. Error accessing external object property hostname... Line 95...") when attempting to transmit via PEDRO Communications. This patch was made available on the EIA Web Site at <a href="http://www.eia.doe.gov/oil_gas/petroleum/survey_forms/pedro/pedrouers.html">http://www.eia.doe.gov/oil_gas/petroleum/survey_forms/pedro/pedrouers.html</a>
<b>02/23/2009</b>	EIA-810 & EIA-815	Production Capacity cell labels were inconsistent.
<b>02/27/2009</b>	EIA-810 & EIA-815	Validation warnings and line balancing and subtotalling were not working correctly. Also, the column auto-totalling in the EIA-810 wasn't working.
<b>03/31/2009</b>	EIA-800 & EIA-805	Production Codes 001 and 003 were left off of the form.